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**Care for Veterans
with Psychosis in the
Veterans Health Administration,**

FY04

6th Annual National Psychosis Registry Report

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Executive Summary

The Veterans Health Administration (VHA) and the Committee on Care of Veterans with Serious Mental Illness continue to monitor and evaluate the VHA's capacity to treat its patients with psychotic disorders. In 1999, the VA's National Serious Mental Illness Treatment Research and Evaluation Center (SMITREC) developed the VA's National Psychosis Registry (NPR) to assist in this endeavor. The NPR includes comprehensive information on all veterans with psychosis who have received care in the VHA since Fiscal Year 1988.

This annual report, "Care for Veterans with Psychosis in the VHA", presents information on the state of care for patients with psychosis and it evaluates changes over time, enabling early detection of trends and more proactive decision making.

The report has five chapters, each focusing on a specific domain of interest to the VHA. These include demographics, patient characteristics, health services utilization, use of antipsychotic medications, and costs. Chapters include background and discussion of the domain, key findings, a guide to the tables, and the actual national and VISN level tables. The entire report, along with station level tables for each VISN, will be available on our web site: (<http://www.va.gov/annarbor-hsrd/SMITREC.htm>)

Key Findings

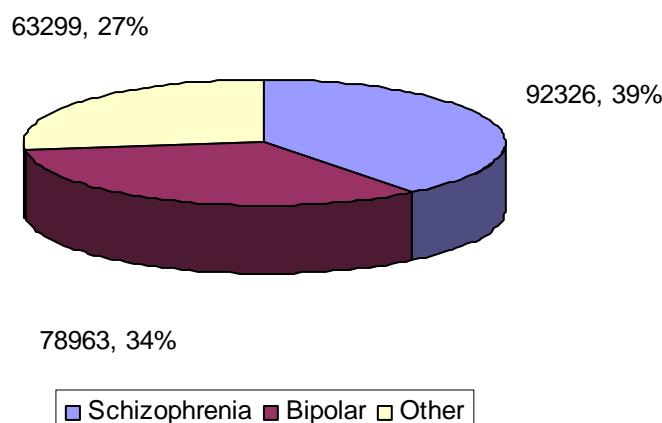
- While the overall population of patients with psychosis in VHA has risen 22% since FY99, the number of patients with schizophrenia has dropped 12%.
- 83.4% of patients with schizophrenia in FY04 also received a diagnosis of psychosis in FY03. This was true for only 35.3% of those with a diagnosis of Other Psychosis, an indication of the relative instability of the diagnoses included in this group.
- Rates of comorbid substance abuse diagnoses have dropped more than 13% since FY01 to only 22.7%, despite the rates being already unusually low for this population, raising concerns of substantial under diagnosis. In addition, the rates vary substantially between VISNs, with 6, 8 and 9 having a rate under 20% and 2, 5, 12, 20 and 23 with a rate over 27%.
- About one third of patients with psychosis had a depression diagnosis in FY04, and 14.9% had a PTSD diagnosis.
- 46.2% of patients were also diagnosed with hypertension, and 21.0% received diabetes diagnoses.
- The standardized mortality ratio (SMR) was 1.58 for patients with schizophrenia and 1.03 for patients with bipolar disorder.
- 49% of patients with bipolar disorder received at least one oral antipsychotic prescription. Antipsychotic use among patients with bipolar disorder has increased each year since FY99.
- Use of second-generation antipsychotics continues to increase among patients with schizophrenia or bipolar disorder. Among patients on antipsychotics, 86% with schizophrenia and 94% with bipolar disorder received some second-generation antipsychotics.
- Clozapine use increased slightly among patients with schizophrenia but use remains low, at just 3%. Clozapine use continues to vary substantially across VISNs.
- The percentage of poorly adherent patients with schizophrenia (with a Medication Possession Ratio [MPR] < 0.8) has decreased from 44% in FY99 to 36.5% in FY04. However, improvements in adherence have slowed during the last three years, suggesting that adherence benefits associated with shifts from first to second generation antipsychotic agents may be almost fully realized.
- Total cost for patients with psychosis was approximately \$3.5B.
- Medical costs continue to be much higher for the patients with other psychoses (\$2845) compared to patients with schizophrenia (\$1446) and patients with bipolar disorder (\$1114).
- Average costs per patient varied widely across VISNs, from \$11,618 to \$24,701.
- Overall, the per-patient costs dropped 12% from FY99 to FY04. For patients with schizophrenia, however, these costs rose 7.5% during the same time period.

Demographics

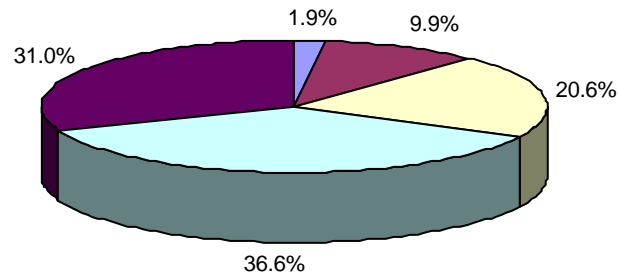
- 83.4% of patients with schizophrenia in FY04 also received a diagnosis of psychosis in FY03. This was true for only 35.3% of those with a diagnosis of Other Psychosis, an indication of the relative instability of the diagnoses included in this group.
- As a further indication of diagnostic stability, for patients with psychoses in both FY03 and FY04, 95.0% of patients with schizophrenia and 94.8% of patients with bipolar disorder had the same diagnosis in both years, while 88.6% of Other Psychoses had a stable diagnosis in both years.
- While the overall population of patients with psychosis in VHA has risen 22% since FY99, the number of patients with schizophrenia has dropped 12%.
- Since FY99 the average age of patients in the NPR has risen 8%, with much of this being explained by the 14% rise in the age of patients with Other Psychoses.

Demographics						
Variable	FY99	FY00	FY01	FY02	FY03	FY04
total population	191,606	192,982	196,675	205,620	217,760	234,588
schizophrenia	104,593	102,295	98,739	95,875	94,395	92,326
bipolar disorder	59,938	61,992	65,556	70,345	73,964	78,963
other	27,075	28,695	32,380	39,400	49,401	63,299
mean age	53.8	54.31	53.97	55.87	56.89	58.13
mean age (sch)	53.38	53.7	54.02	54.28	54.59	54.89
mean age (bip)	51.19	51.46	51.74	52.2	52.26	52.39
mean age (other)	61.23	62.63	64.42	66.29	68.22	70.02

NPR Population by Diagnosis, FY04

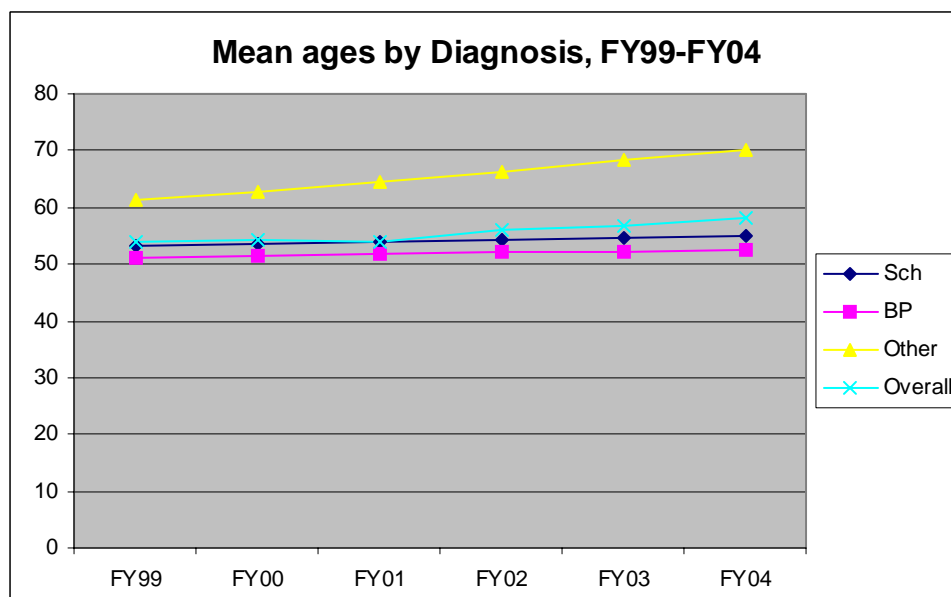
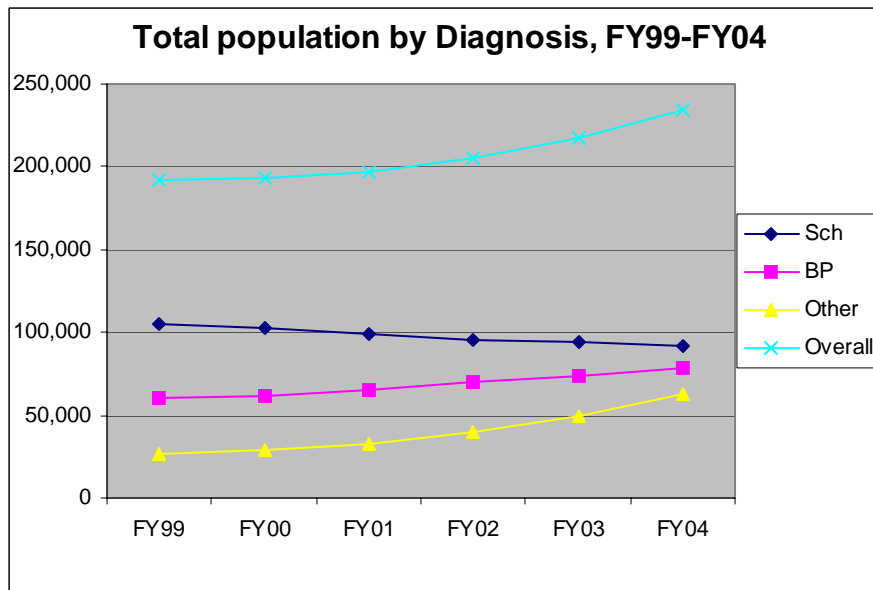


NPR Population, by age, FY04



■ <35
 ■ >=35 and <50
 ■ >=50 and <65
 ■ >=65 and <80
 ■ >=80

Sources of Patients that are New to the FY04 Report				
	All	Schizophrenia	Bipolar	Other
Entire Population	234,588	92,326	78,963	63,299
	N (%)	N (%)	N (%)	N (%)
New to VHA *	17,078 (7%)	4,040 (4%)	6,703 (8%)	6,335 (10%)
New to NPR**	71,872 (31%)	11,599 (13%)	22,047 (28%)	38,226 (60%)
Total Number of New Patients	88,950 (38%)	15,639 (17%)	28,750 (36%)	44,561 (70%)
* No VHA use in FY03 or FY02.				
** Had use but no psychosis diagnosis in FY03 or FY02.				



Patient Characteristics

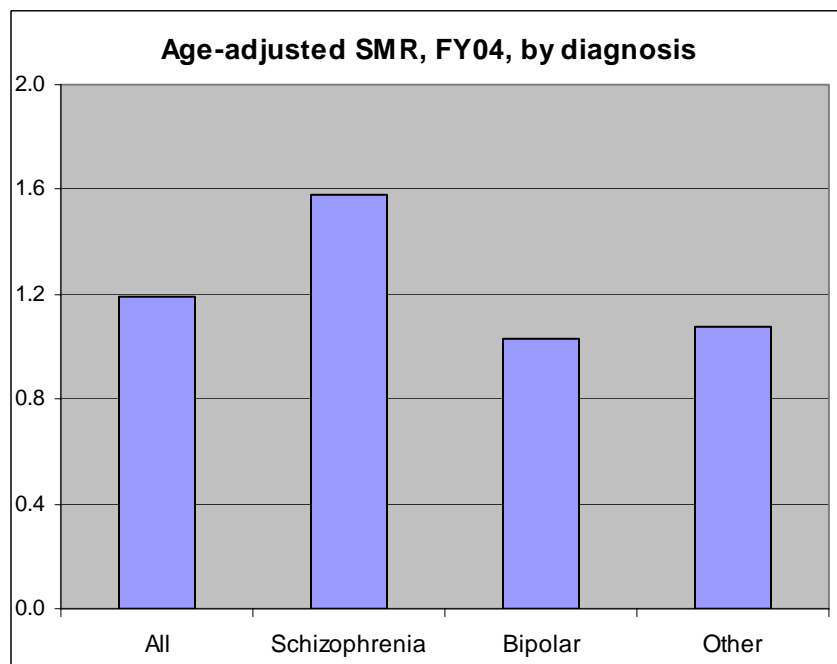
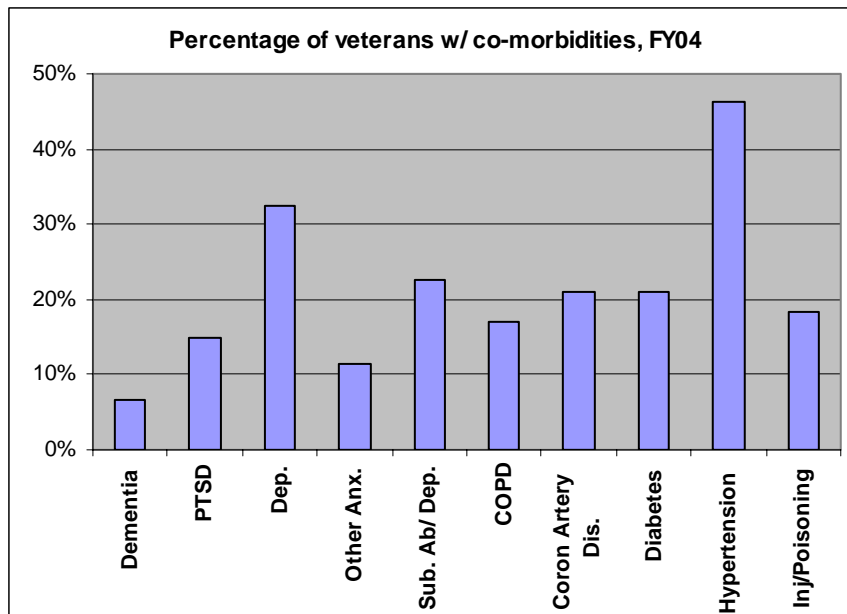
This domain gives a more detailed picture of veterans with psychosis who received care in the VHA, including the patients' history of VHA utilization (years since first use and years with inpatient and outpatient use), average inpatient and outpatient GAF scores, as well as the percentage of appropriate patients for whom GAFs were reported, mortality rates (crude and age-and-gender-adjusted), level of service connection, VERA patient class and eligibility category, extent of substance abuse comorbidity, homelessness and distances to medical centers and service sites.

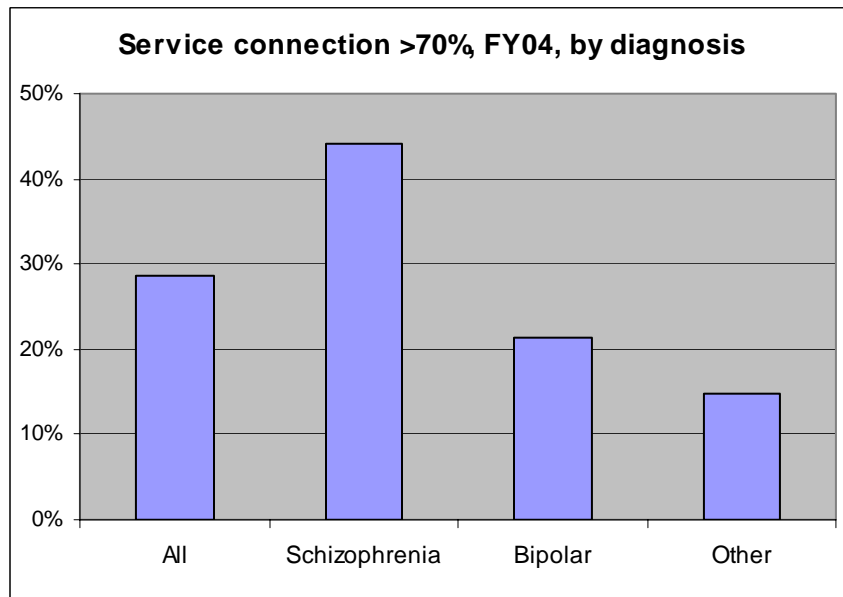
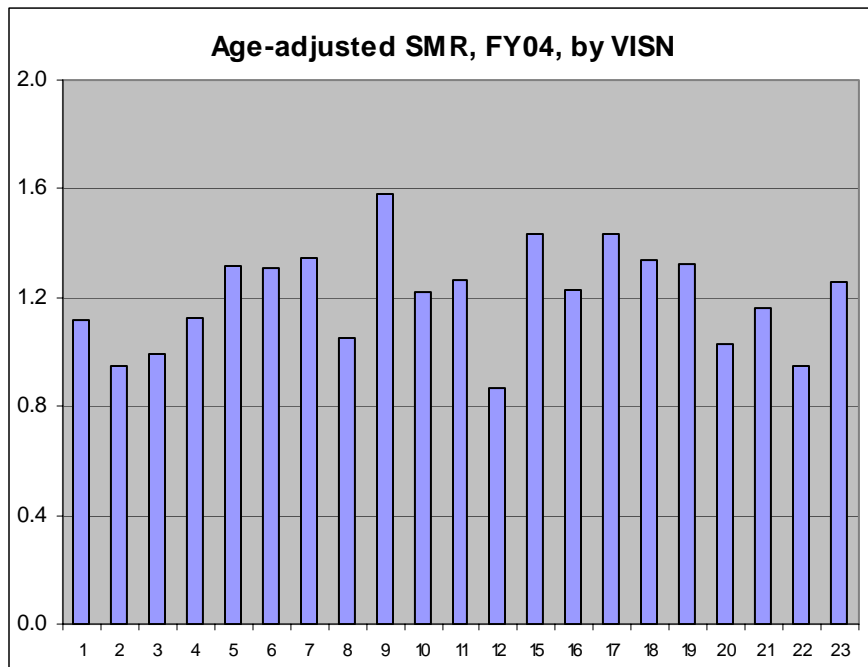
Key findings:

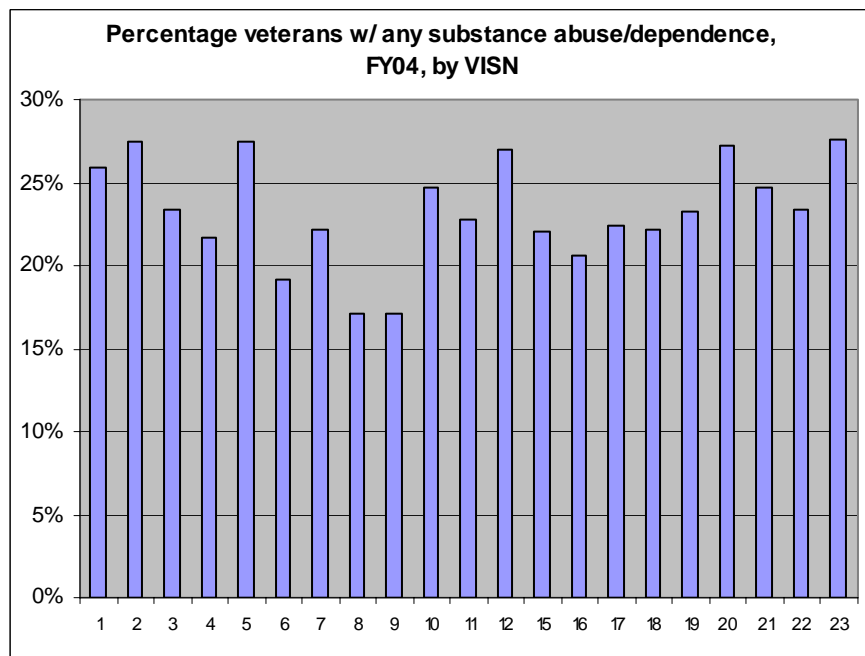
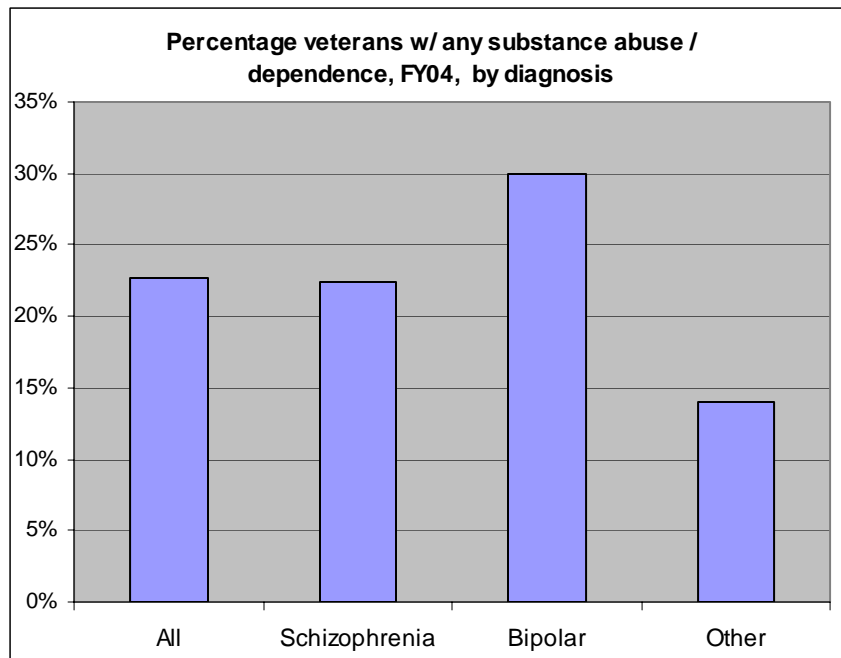
- Rates of comorbid substance abuse diagnoses have dropped more than 13% since FY01 to only 22.7%, despite the rates being already unusually low for this population, raising concerns of substantial under diagnosis. In addition, the rates vary substantially between VISNs, with 6, 8 and 9 having a rate under 20% and 2, 5, 12, 20 and 23 with a rate over 27%.
- There remains wide variability across VISNs in missing GAF scores. Across VISNs, missing inpatient GAF scores varied from 27.8% to 80.2%; missing outpatient GAFs ranged from 9.5% to 44.9%.
- The standardized mortality ratio (SMR) was 1.58 for patients with schizophrenia and 1.03 for patients with bipolar disorder.
- 28.6% of patients were 70+% service connected, with 21.0% having a 100% service connection.
- About one third of patients with psychosis had a depression diagnosis in FY04, and 14.9% had a PTSD diagnosis.
- 46.2% of patients were also diagnosed with hypertension, and 21.0% received diabetes diagnoses.
- The Standardized Mortality Ratio (SMR) varied between VISNs, from .87 in VISN 12 to 1.58 in VISN 9.
- Between FY99 and FY04, the overall SMR dropped 13%, however the SMR for patients with bipolar disorder rose 8%.
- The percent of patients in the NPR with a service connection over 70% was 28.6% in FY04. For patients with schizophrenia it was 44.2%, for patients with bipolar disorder, 21.4% and for patients with Other Psychoses, 14.8%.
- While the overall percent of patients with a VERA complex designation dropped between FY99 and FY04, that for patients with schizophrenia rose 24%.
- Homelessness dropped 18% between FY01 (when it was first reported) and FY04. The largest drop was for patients with Other Psychoses, dropping 41%.

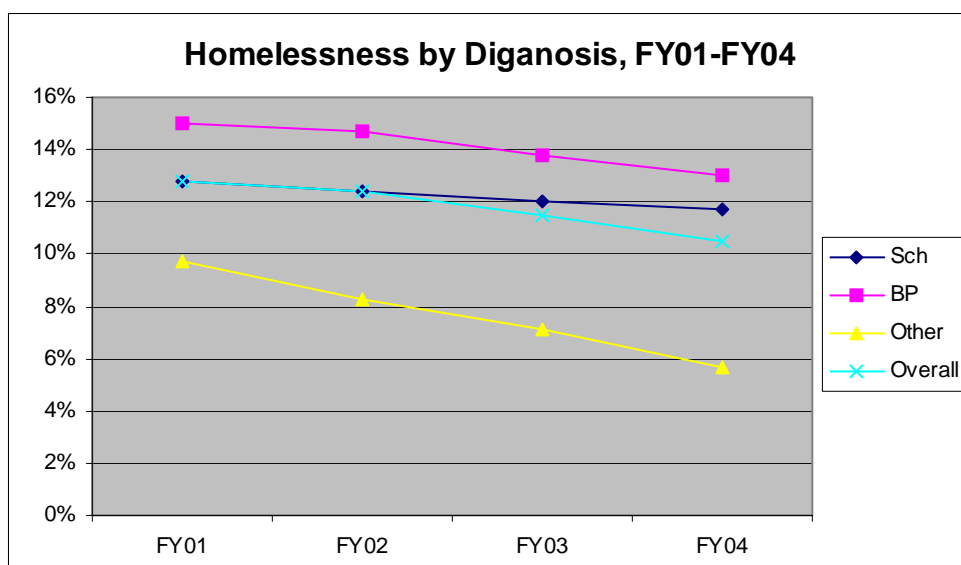
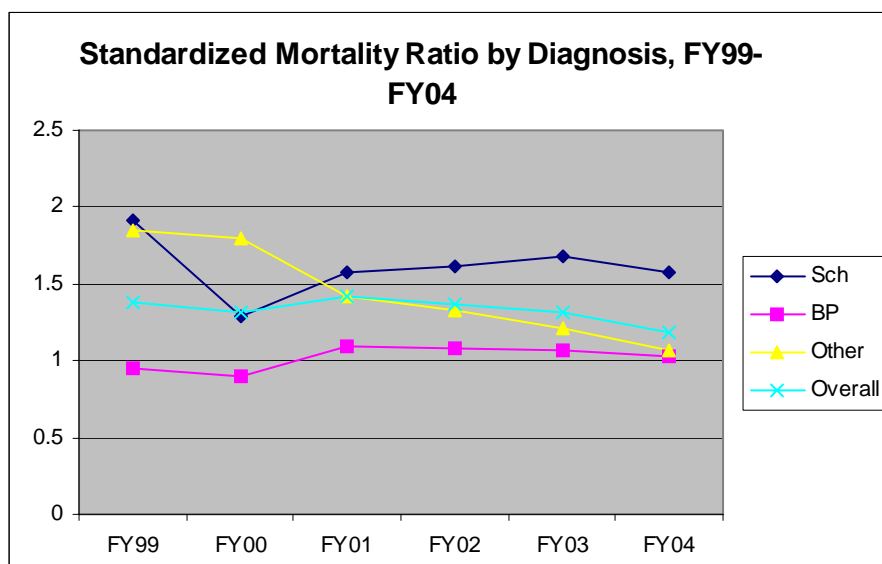
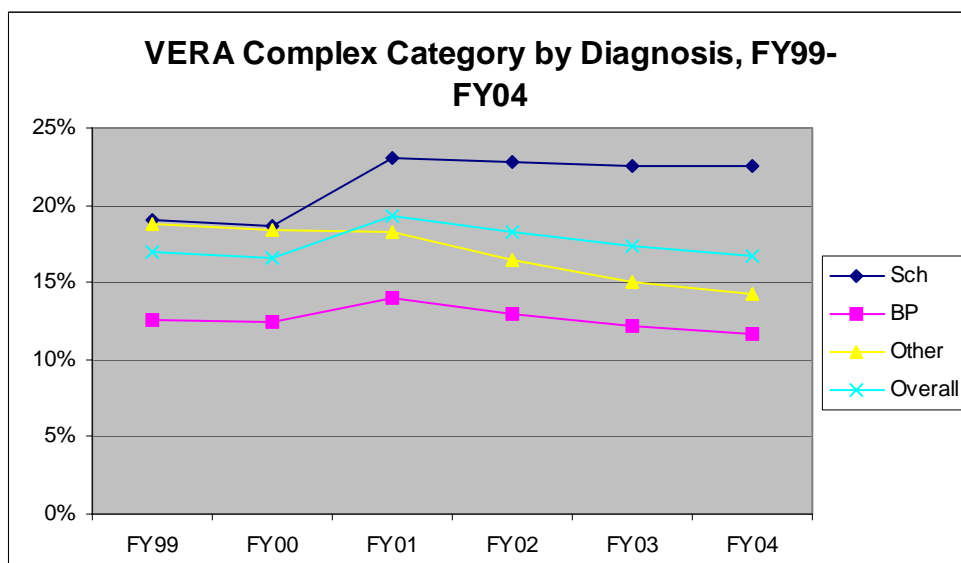
Patient Characteristics						
Variable	FY99	FY00	FY01	FY02	FY03	FY04
died during year, %	2.80%	2.90%	2.80%	2.90%	3.10%	3.1%
SMR (all)	1.38	1.31	1.42	1.37	1.32	1.19
died during year, % (sch)	2.70%	2.60%	2.50%	2.60%	2.70%	2.60%
SMR (sch)	1.91	1.29	1.58	1.61	1.68	1.58
died during year, % (bip)	1.60%	1.60%	1.50%	1.50%	1.50%	1.40%
SMR (bip)	0.95	0.9	1.09	1.08	1.07	1.03
died during year, % (other)	6.10%	6.50%	6.00%	6.20%	6.20%	6%
SMR (other)	1.85	1.8	1.42	1.33%	1.21	1.07
VERA complex, %	17.00%	16.60%	19.30%	18.20%	17.30%	16.7%
VERA complex, % (sch)	19.00%	18.60%	23.10%	22.80%	22.50%	22.60%
VERA complex, % (bip)	12.60%	12.50%	14.00%	12.90%	12.20%	11.70%
VERA complex, % (other)	18.80%	18.40%	18.30%	16.40%	15%	14.30%

Non-service connected	--	--	49.50%	50.50%	51.00%	51.9%
Service connection % (>70)	--	--	30.50%	29.80%	29.40%	28.60%
service connection = 100%	--	--	24.00%	22.90%	22.10%	21.0%
dual Dx: any abuse or depen, %	--	--	26.20%	25.40%	23.30%	22.7%
Comorbid Major Depression, %	--	--	--	--	34.80%	32.4%
Comorbid PTSD, %	--	--	--	--	15.40%	14.9%
Comorbid COPD, %	--	--	--	--	16.70%	16.9%
Comorbid Hypertension, %	--	--	--	--	43.20%	46.2%
Comorbid Diabetes, %	--	--	--	--	20.00%	21.0%
homelessness	--	--	12.80%	12.40%	11.50%	10.5%
homelessness (sch)			12.40%	12.40%	12.00%	11.70%
homelessness (bip)			15.00%	14.70%	13.80%	13.00%
homelessness (other)			9.70%	8.30%	7.10%	5.70%









Utilization

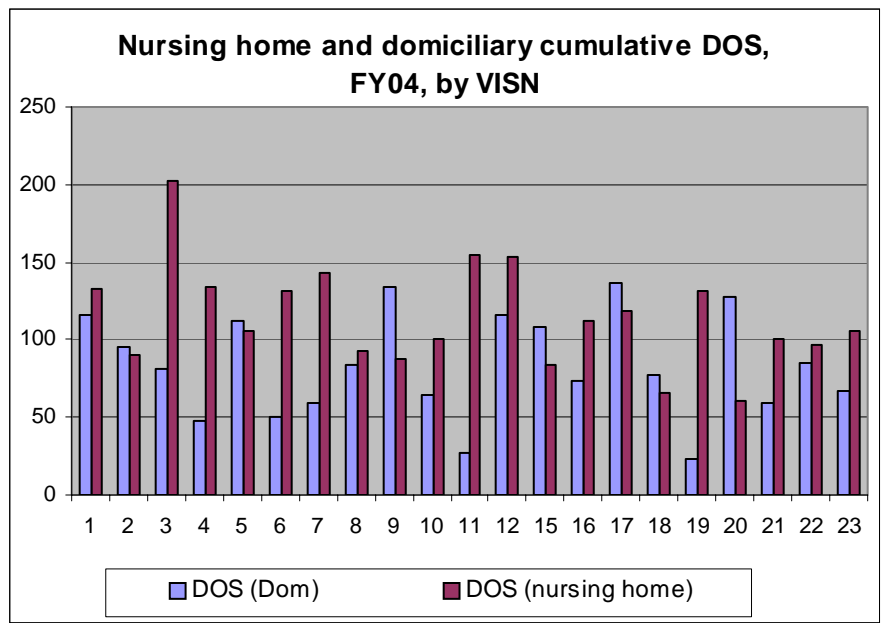
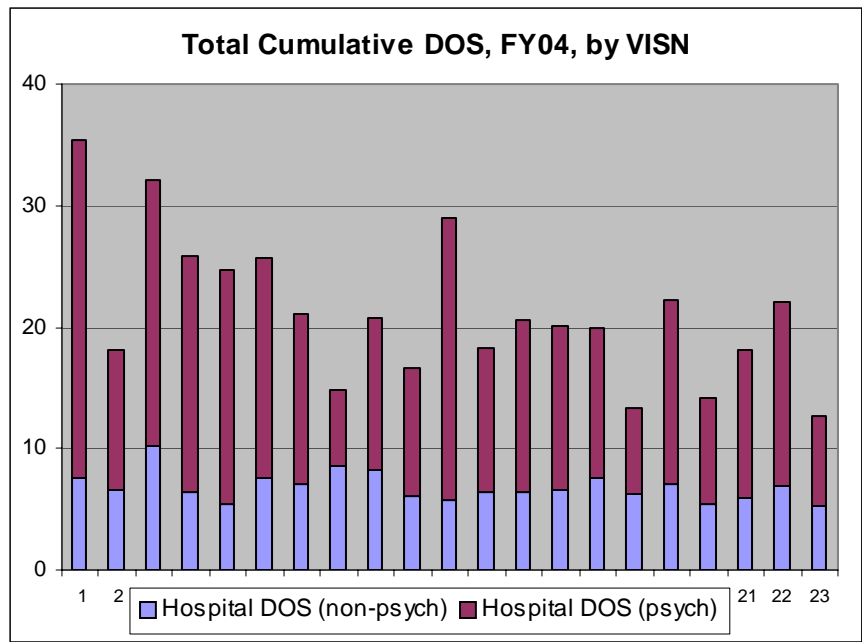
This section reports on the use of VA health services by patients with psychotic disorders in FY03. We report on both 24-hour institutional care (hospital, nursing home, domiciliary, and residential rehabilitation) and outpatient services utilization.

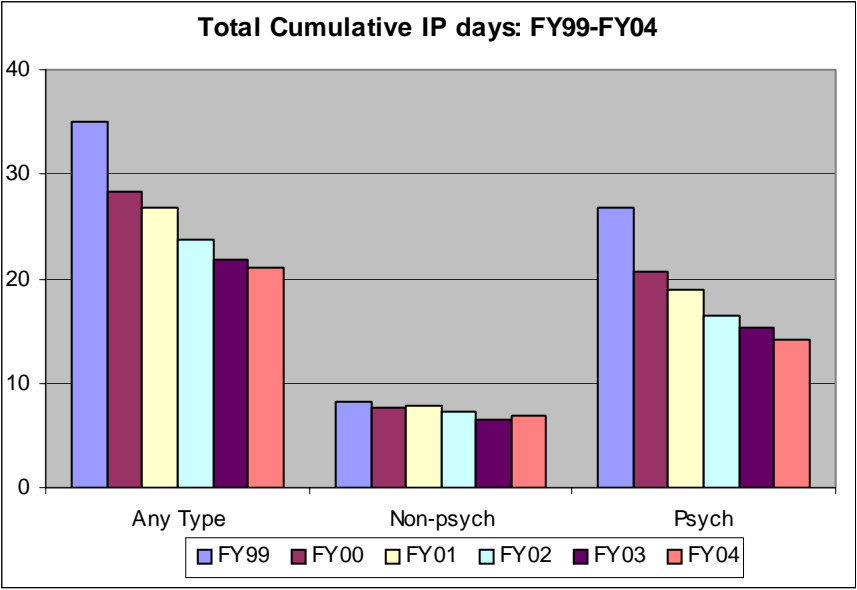
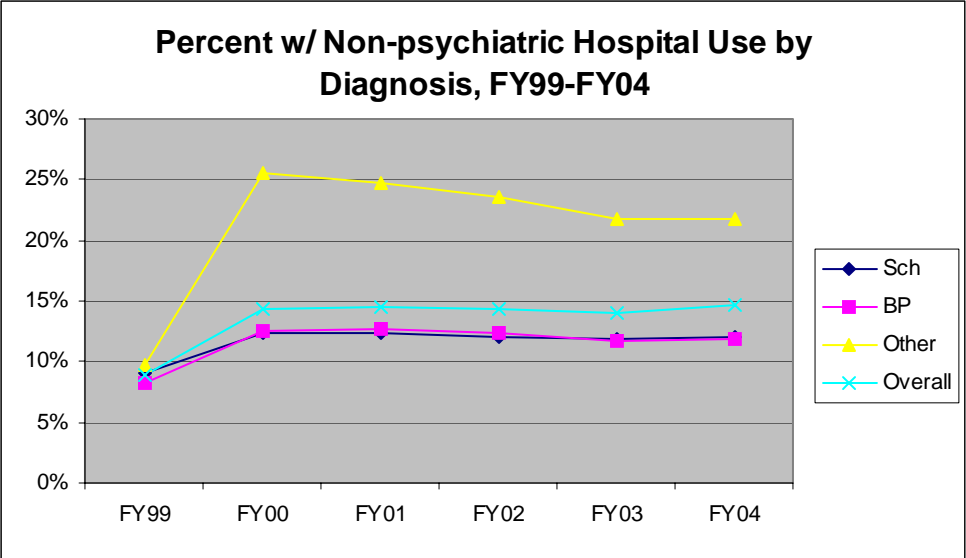
24-hour institutional care

Inpatient

- Overall hospital use:
 - Total inpatient days have dropped 40% since FY99, from 35 to 21 days on average.
 - The percent of patients with stays of 100+ days (1.9%) has dropped 60% since FY99.
- Non-psychiatric hospital use:
 - Between FY99 and FY04, the percent of veterans with non-psychiatric inpatient use rose 64%, largely due to the 122% rise for patients with Other Psychoses.
- Psychiatric:
 - Total inpatient days decreased 7.4 % since FY03, falling 47% since FY99.
 - 14.6% of patients with psychosis had some inpatient psychiatric care; 17.1% of patients with schizophrenia had an inpatient psychiatric stay versus 16.3% of patients with bipolar disorder and 9.1% of patients with other psychoses.
 - Days of care varied widely across VISNs, from 6.1 to 27.8.
- Use of residential rehabilitation, domiciliary care and nursing home care remained relatively stable since FY03; 1.6% of patients had some residential rehabilitation, and 2.4% and 4.7% had domiciliary and nursing home care, respectively.
 - Days of care in these institutional settings were very different across VISNs:
 - Residential rehabilitation: 10.5 to 115.7
 - Domiciliaries: 23.6 to 137.1
 - Nursing homes: 60.1 to 202.0

Inpatient Utilization						
Variable	FY99	FY00	FY01	FY02	FY03	FY04
hospital: total						
% with some	23.50%	30.90%	29.90%	28.70%	27.20%	26.70%
cumulative days	35.03	28.34	26.71	23.71	21.85	21.12
% with some (sch)	25.10%	29.40%	28.80%	27.80%	27%	26.50%
cumulative days (sch)	42.18	35.74	33.51	30.12	28.76	28.31
% with some (bip)	22.90%	29.50%	28.60%	27.10%	25.40%	25.10%
cumulative days (bip)	24.82	20.9	20.4	19.07	17.09	17.04
% with some (other)	18.70%	39.20%	36.20%	34%	30.20%	29%
cumulative days (other)	25.65	20.63	20.3	17.58	16.06	15.93
hospital: medical						
% with some	8.90%	14.40%	14.50%	14.30%	14.00%	14.60%
cumulative days	8.28	7.68	7.76	7.29	6.52	6.93
% with some (sch)	9.00%	12.40%	12.30%	12.00%	11.80%	12.10%
cumulative days (sch)	9.14	7.43	7.17	6.74	6.1	6.16
% with some (bip)	8.20%	12.60%	12.70%	12.30%	11.70%	11.80%
cumulative days (bip)	5.53	5.8	6.01	6.08	4.64	4.9
% with some (other)	9.80%	25.50%	24.70%	23.50%	21.70%	21.80%
cumulative days (other)	11.31	11.45	11.97	10.1	9.61	10.16
hospital: psychiatric						
% with some	17.50%	19.70%	18.70%	17.50%	15.80%	14.60%
cumulative days	26.75	20.66	18.95	16.43	15.33	14.19
% with some (sch)	18.90%	20.00%	19.40%	18.60%	17.70%	17.10%
cumulative days (sch)	33.04	28.32	26.34	23.39	22.66	22.15
% with some (bip)	18.00%	20.50%	19.70%	18.40%	16.80%	16.30%
cumulative days (bip)	19.29	15.1	17.39	12.99	12.44	12.14
% with some (other)	11.10%	17.20%	14.80%	13.30%	10.80%	9.10%
cumulative days (other)	14.34	9.19	8.33	7.49	6.45	5.77
residential rehabilitation:						
% with some	1.70%	2.20%	1.70%	1.70%	1.80%	1.60%
cumulative days	31.2	34.64	41.45	40.01	37.28	38.61
domiciliary:						
% with some	2.00%	3.40%	3.40%	3.00%	2.80%	2.40%
cumulative days	100.63	95.69	91.62	91.89	92.74	90.87
nursing Home:						
% with some	3.10%	4.40%	4.40%	4.20%	4.50%	4.70%
cumulative days	125.19	101.4	111.73	113.85	111.19	11608.00%
100+ days, %	31.90%	33.90%	33.50%	34.60%	33.00%	34.10%

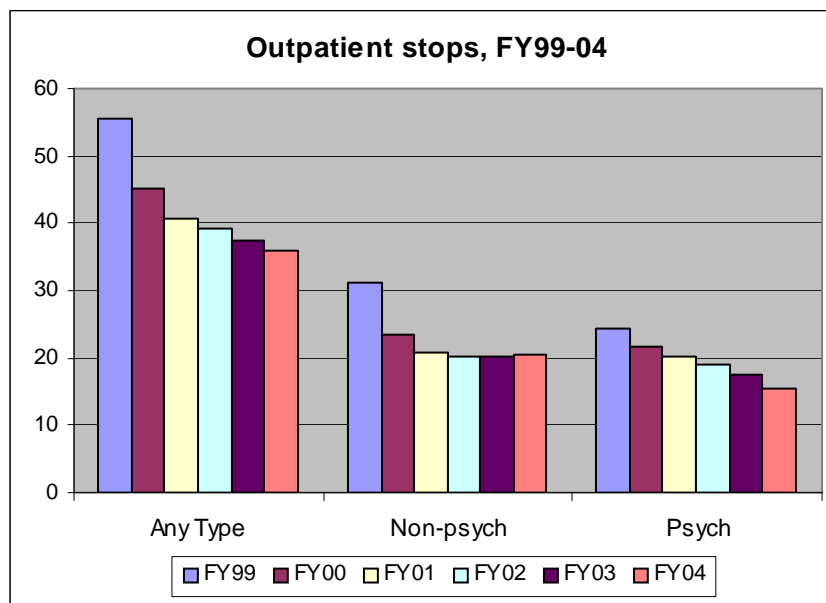
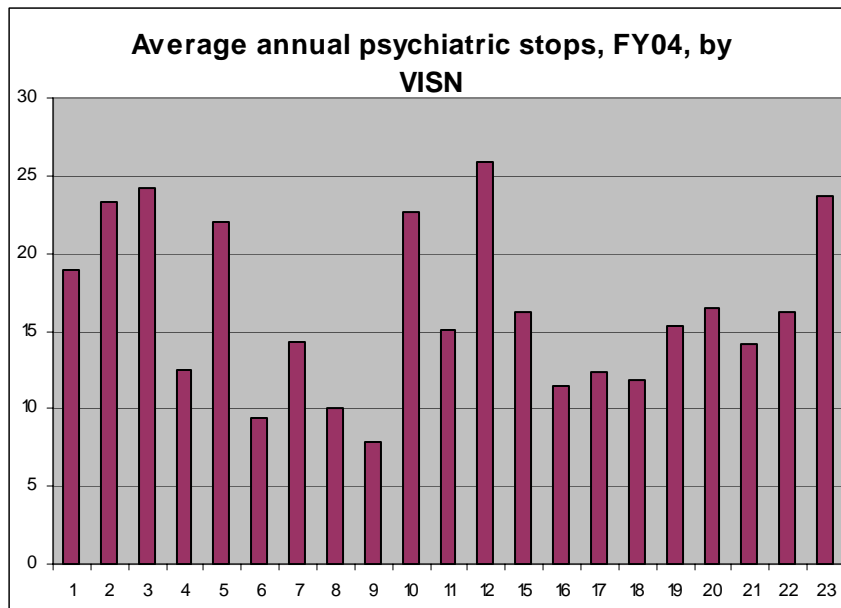


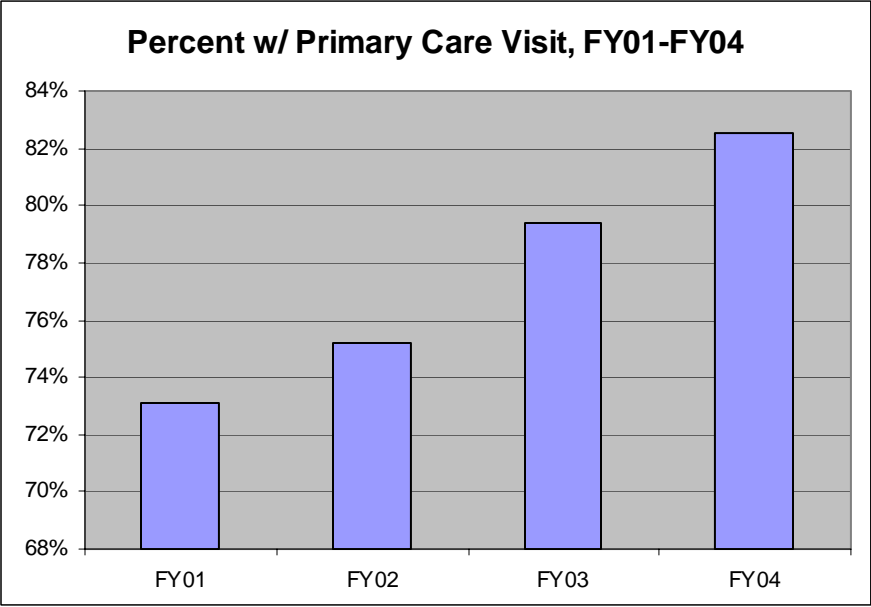


Outpatient Services

- Virtually all patients had at least one outpatient clinic stop (99.0%).
- There continues to be a decline in the average number of outpatient clinic stops, an indication that VHA is providing less care to more people:
 - Overall: 35% drop since FY99, from 55.5 stops to 36.0
 - Medical: 34% drop since FY99, from 31.1 stops to 20.5
 - Psychiatric: 36% drop since FY99, from 24.4 stops to 15.6
- Patients with schizophrenia had the most psychiatric stops, with 21.3 versus 16.4 for patients with bipolar disorder and 6.4 for patients with other psychoses.
- Average total clinic stops in FY04 varied widely across VISNs: from 27.3 to 49.5 overall, from 7.9 to 25.8 for all psychiatric stops, 0.2 to 3.5 for case management stops, 0.3 to 7.5 for day treatment stops, 1.0 to 6.5 for substance abuse stops, and 0.2 to 4.0 for vocational clinic stops.
- Primary care:
 - 83% of patients received at least one primary care visit.
 - Across VISNs, the percent of patients with at least one primary care visit during FY04 ranged from 76.4% to 87.0%
 - The percent with a primary care visit rose from 73% in FY01, to 83% in FY04.

Outpatient Utilization						
Variable	FY99	FY00	FY01	FY02	FY03	FY04
some OP care, %	98.80%	98.90%	98.90%	99.10%	99.10%	99.00%
primary care visit, %	--	--	73.10%	75.20%	79.40%	82.50%
PC visits (mean)	--	--	2.7	3.53	3.84	
# stops (total)	55.52	45.23	40.78	39.09	37.56	36.01
# stops (medical)	31.11	23.55	20.65	20.15	20.14	20.45
# stops (psychiatric)	24.41	21.68	20.13	18.93	17.42	15.56
# stops (case management)	1.43	1.38	1.37	1.44	1.44	1.43
# stops (day treatment)	4.48	3.96	3.64	3.33	2.8	2.27
# stops (substance abuse)	4.14	3.84	3.77	3.52	3.26	2.95
# stops (vocational)	1.08	2.23	2.03	1.86	1.73	1.29

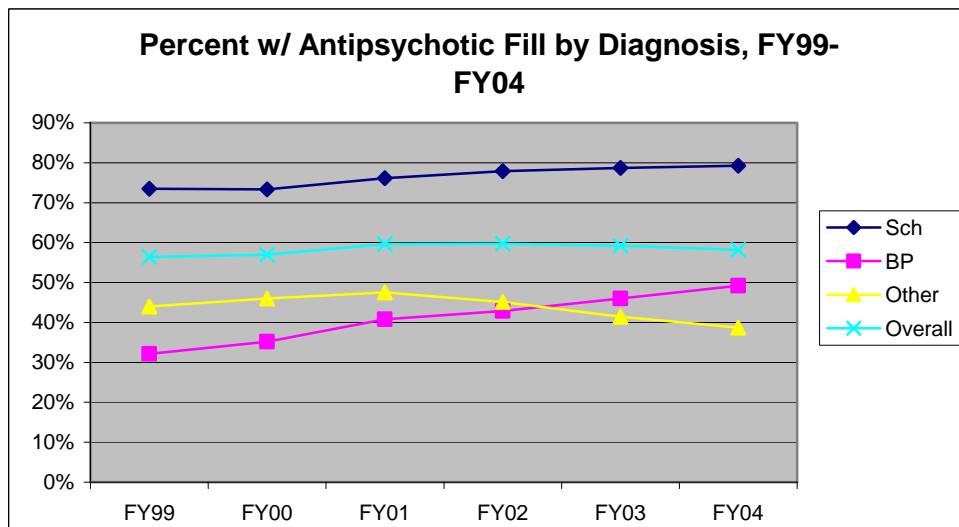
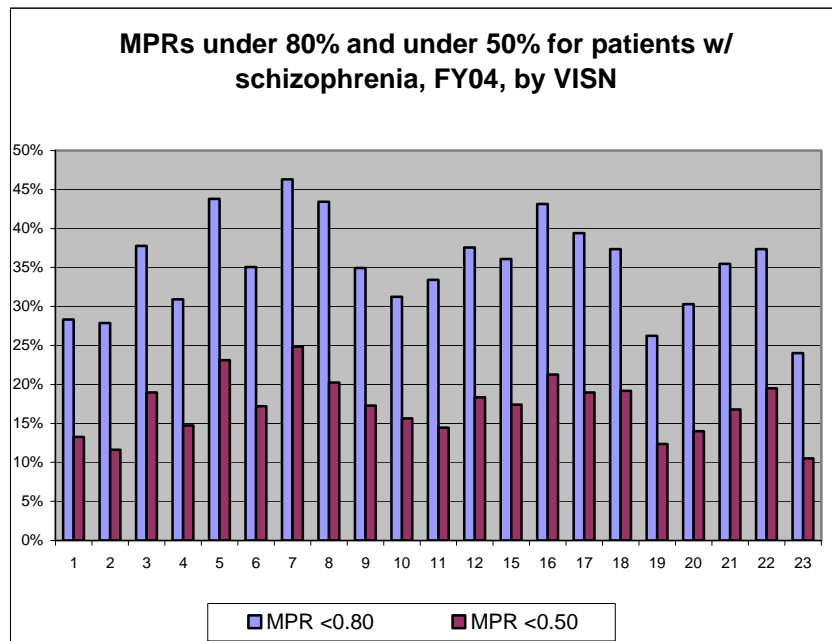


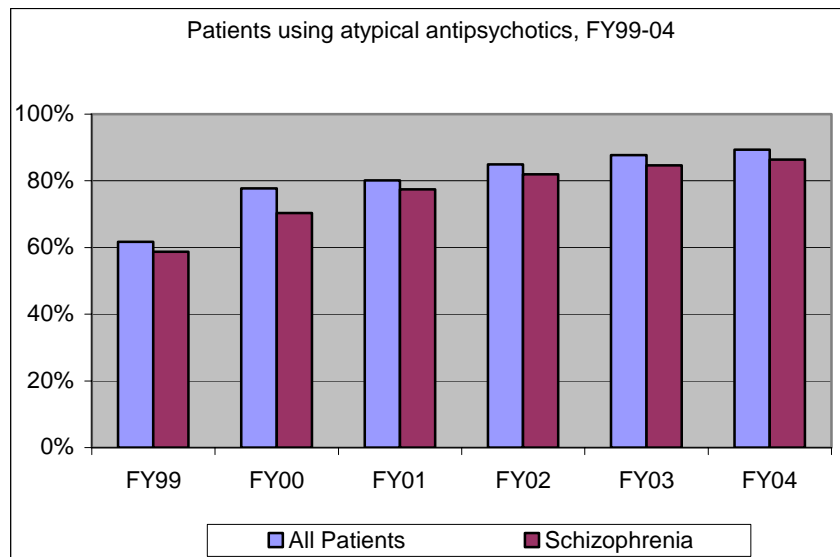


Medication

- 79% of patients with schizophrenia received at least one oral antipsychotic prescription in FY04.
- 49% of patients with bipolar disorder received at least one oral antipsychotic prescription. Antipsychotic use among patients with bipolar disorder has increased each year since FY99.
- Use of second-generation antipsychotics continues to increase among patients with schizophrenia or bipolar disorder. Among patients on antipsychotics, 86% with schizophrenia and 94% with bipolar disorder received some second-generation antipsychotics.
- Olanzapine and risperidone remain the most commonly used second-generation antipsychotic medications for patients with schizophrenia, although the percentage of patients receiving olanzapine stabilized between FY00 and FY02 and has now decreased.
- Quetiapine use has dramatically increased for patients with bipolar disorder. In FY04, 41% of these patients received quetiapine, making it the most commonly used second-generation antipsychotic for patients with bipolar disorder,
- Clozapine use increased slightly among patients with schizophrenia but use remains low, at just 3%. Clozapine use continues to vary substantially across VISNs.
- Overall use of aripiprazole increased from 1% in FY03 to 4% in FY04.
- Concurrent use of two or more antipsychotic medications continues to increase among patients with schizophrenia (from 10.6% in FY99 to 16.6% in FY04).
- The percentage of poorly adherent patients with schizophrenia (with a Medication Possession Ratio [MPR] < 0.8) has decreased from 44% in FY99 to 36.5% in FY04. However, improvements in adherence have slowed during the last three years, suggesting that adherence benefits associated with shifts from first to second generation antipsychotic agents may be almost fully realized.

Medication						
Variable	FY99	FY00	FY01	FY02	FY03	FY04
% receiving any OP fill	--	--	95.30%	95.30%	95.50%	96.00%
% some antipsychotic fills	56.40%	57.00%	59.60%	59.70%	59.20%	58.20%
% some antipsychotic fills (sch)	73.50%	73.30%	76.10%	77.90%	78.70%	79.30%
% some antipsychotic fills (bip)	32.10%	35.20%	40.80%	42.90%	46.00%	49.20%
% some antipsychotic fills (other)	44.00%	46.00%	47.50%	45.10%	41.4	38.70%
# antipsychotic fills, mean	8.4	7.51	7.3	7.6	7.1	6.9
% some atypical use	61.70%	77.70%	80.10%	84.90%	87.70%	89.30%
% on Aripiprazole	--	--	--	--	1.20%	4.00%
% on Clozapine	1.80%	1.90%	1.90%	1.90%	1.80%	1.70%
% on Clozapine (sch)	2.50%	2.70%	2.90%	3.00%	3.10%	3.10%
% on Clozapine (bip)	0.20%	0.20%	0.10%	0.20%	0.20%	0.20%
% on Clozapine (other)	0.20%	0.20%	0.10%	0.10%	0.10%	0.10%
% on Olanzapine	32.60%	39.30%	40.00%	38.90%	35.80%	31.00%
% on Olanzapine	31.80%	38.00%	40.00%	38.40%	35.70%	32.40%
% on Olanzapine	36.60%	46.10%	48.60%	44.70%	40.70%	33.70%
% on Olanzapine	31.80%	35.80%	34.80%	31.30%	27.80%	22.60%
% on Quetiapine	3.20%	7.70%	12.90%	20.60%	26.20%	31.10%
% on Quetiapine (sch)	2.90%	7.10%	12.90%	17.90%	21.70%	24.20%
% on Quetiapine (bip)	4.00%	9.60%	17.30%	26.00%	34.10%	40.90%
% on Quetiapine (other)	3.30%	7.50%	14.70%	22.50%	29.20%	36.20%
% on Risperidone	32.10%	36.00%	35.80%	37.10%	36.70%	36.30%
% on Risperidone (sch)	29.50%	33.70%	35.80%	36.60%	36.80%	37.70%
% on Risperidone (bip)	36.50%	37.20%	33.60%	32.40%	31.00%	30.30%
% on Risperidone (other)	42.00%	47.10%	46.80%	47.60%	46.20%	41.90%
% on Ziprasidone	--	--	--	3.50%	5.20%	5.90%





Costs

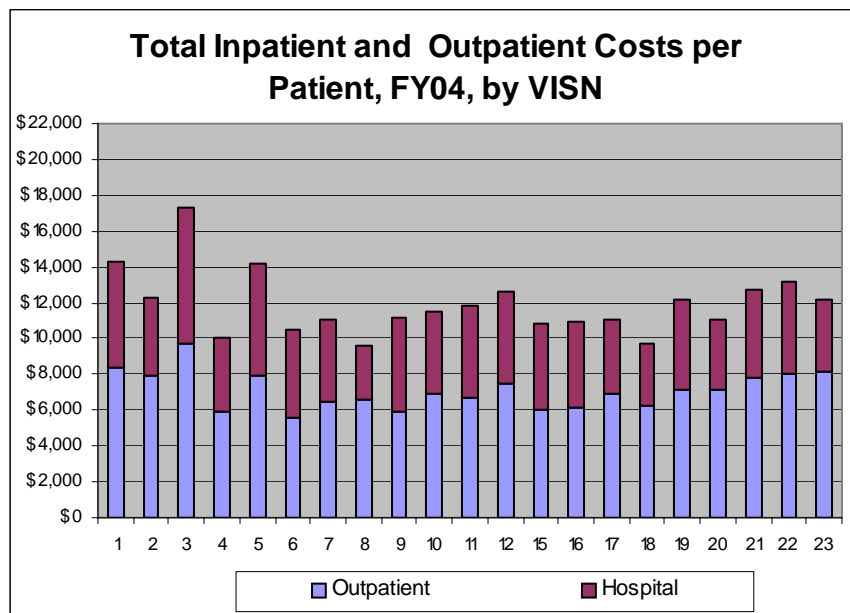
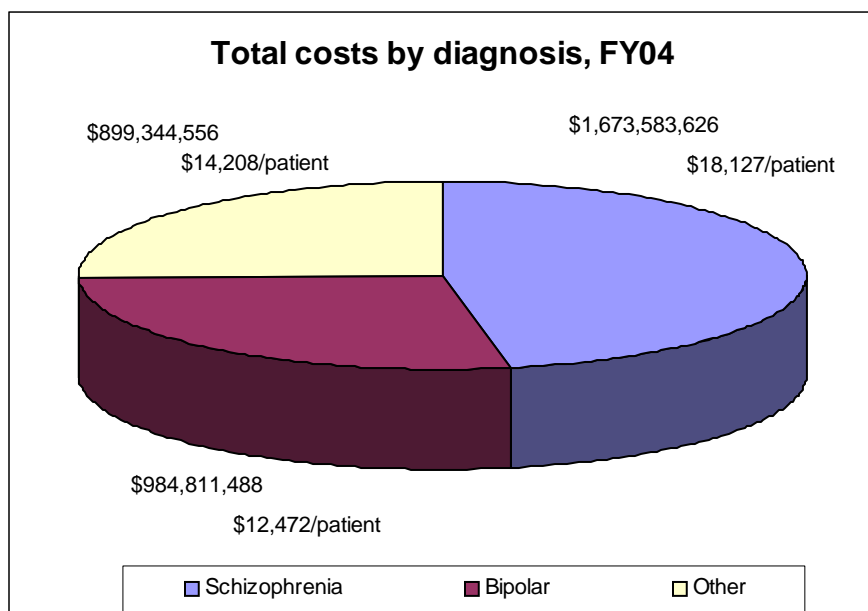
To provide the broadest range of information, we report on total costs obtained from ARC for NPR patients, as well as the relative costs of psychiatric and medical care and of inpatient and outpatient care. We also report on 15 specific cost centers.

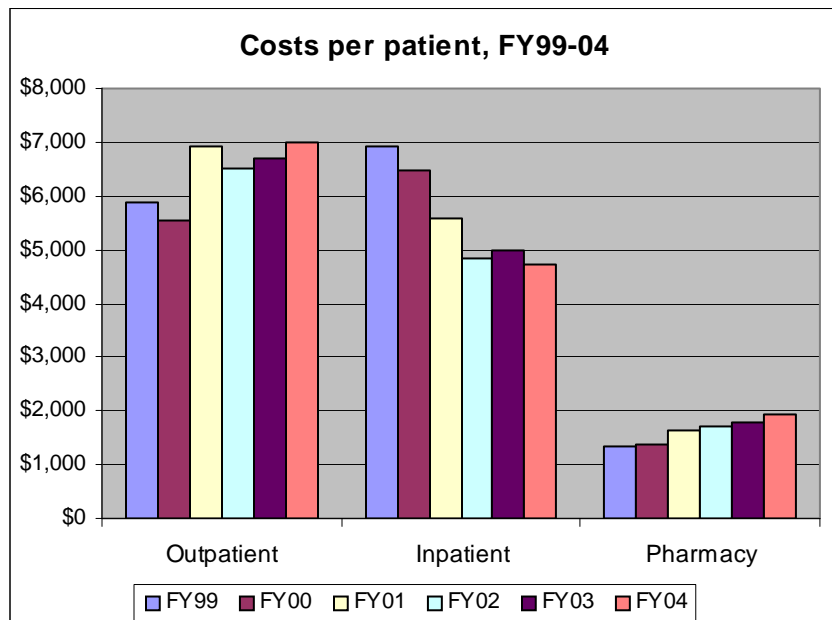
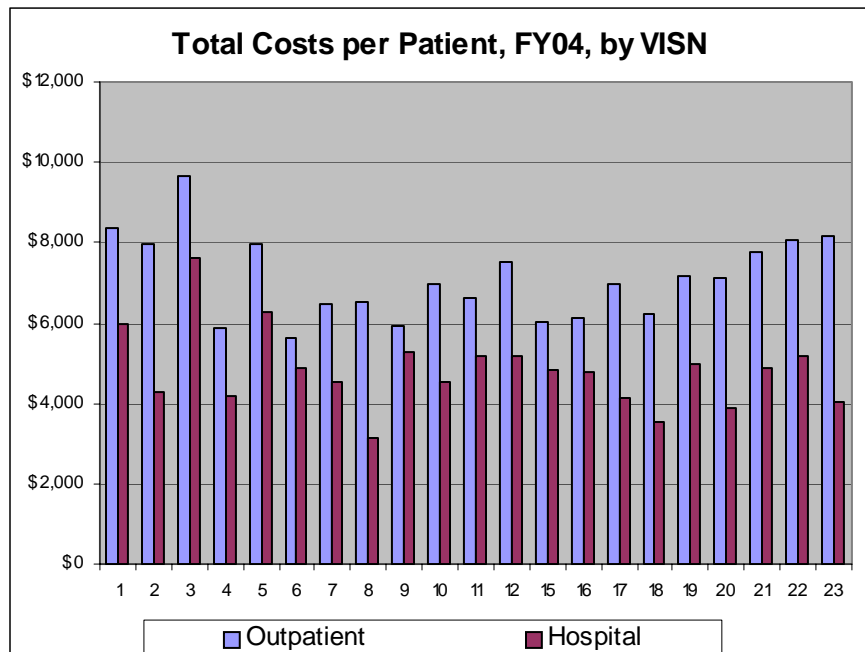
- Total costs:
 - Total cost for patients with psychosis was approximately \$3.5B.
 - Total costs rose again over 9% from FY03 TO FY04.
 - Patients with schizophrenia represented 39.4% of patients with psychosis diagnoses in FY04 and 47% of total costs. This represents a 6% decline in the number of veterans classified with schizophrenia and is a continuation of the trend.
 - Medical costs continue to be much higher for the patients with other psychoses (\$2845) compared to patients with schizophrenia (\$1446) and patients with bipolar disorder (\$1114).
- Per patient costs:
 - Average spent per patient was \$15,166, with \$6,998 for outpatient services (including \$1,943 in pharmacy costs) and \$4,724 for institutional care.
 - Average costs per patient varied widely across VISNs, from \$11,618 to \$24,701.
 - Average FY04 costs per patient were \$18,127 for patients with schizophrenia, \$12,472 for patients with bipolar disorder, and \$14,208 for patients with other psychoses.
 - Overall, the per-patient costs dropped 12% from FY99 to FY04. For patients with schizophrenia, however, these costs rose 7.5% during the same time period.
 - Per day costs per patient show that patients with other psychoses cost more than the other groups at \$1040 per day, compared to \$738 per day for patients with schizophrenia and \$867 per day for patients with bipolar disorder.
- Service location costs:
 - 26.2% of total costs were for psychiatric care.
 - Pharmacy costs rose 9% since FY03.
 - Psychiatric costs, as a proportion of all costs, continue to decline, down to 26.2% in FY04 as compared to 41% in FY99. This is likely due to rising ages and increasing numbers of patients diagnosed with Other Psychosis.
 - Pharmacy costs for patients with schizophrenia were approximately 24% higher than for patients with bipolar disorder and almost 41% higher for patients with other psychoses.

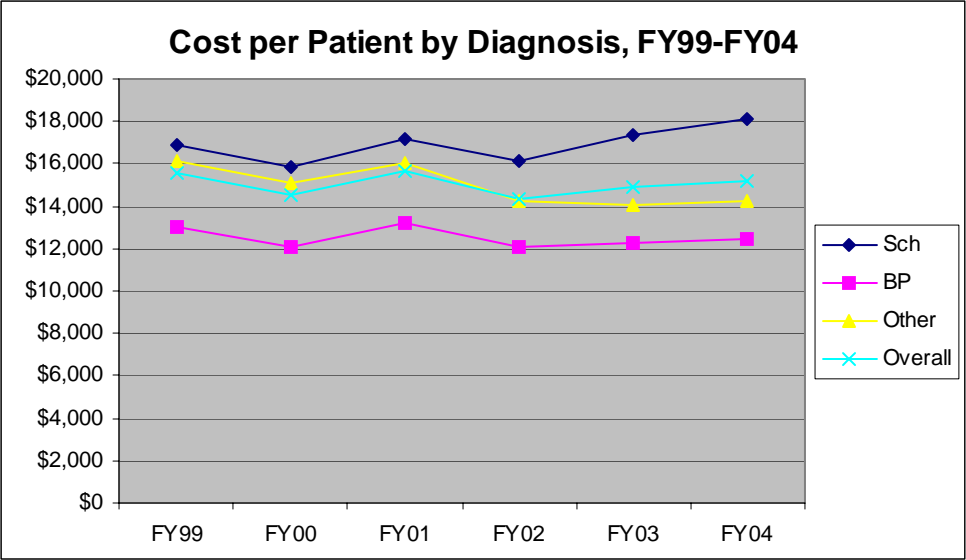
Variable	FY99	FY00	FY01	FY02	FY03
Total cost	\$2,987,721,523	\$2,801,672,073	\$3,082,525,802	\$2,954,765,790	\$3,237,460,560
Total cost, schizophrenia	\$1,770,363,000	\$1,617,236,000	\$1,696,541,000	\$1,547,365,000	\$1,637,013,000
Total cost, bipolar	\$781,276,000	\$750,257,000	\$865,837,000	\$847,634,000	\$907,650,000
Cost per patient	\$15,593	\$14,518	\$15,673	\$14,370	\$14,867
Cost per patient, schizophrenia	\$16,926	\$15,810	\$17,182	\$16,139	\$17,342
Cost per patient, bipolar	\$13,035	\$12,102	\$13,208	\$12,050	\$12,272
Outpatient \$ per patient	\$5,893	\$5,553	\$6,939	\$6,515	\$6,693
Hospital \$ per patient	\$6,908	\$6,471	\$5,597	\$4,849	\$5,504
Other \$ per patient	\$2,792	\$2,494	\$3,137	\$3,193	\$3,169
Pharmacy \$ per patient	\$1,356	\$1,374	\$1,642	\$1,695	\$1,778
Pharmacy \$ per patient, schizophrenia	\$1,475	\$1,520	\$1,807	\$1,904	\$2,047
Pharmacy \$ per patient, bipolar	\$1,246	\$1,233	\$1,513	\$1,537	\$1,645
Psych costs %	41.0%	40.3%	34.6%	32.3%	30.3%

* Cost data source is the Allocation Resource Center (ARC). Cost data in FY99 and FY01 were derived from Cost Distribution Report data (CDR). FY01 was a transitional year in which cost data were calculated from the CDR and also from Decision Support System (DSS) data. This report presents DSS costs data.

** Analysis of ARC's CDR and DSS-generated FY01 costs indicate that DSS cost estimates were 7.84% greater than ARC's CDR-based estimates. For these comparisons, where actual CDR measures were not available, FY01 DSS costs were adjusted.







Background

Patients with psychosis suffer from medication side effects, diminished function, and a greater risk of premature death than the general population (Dembling, Chen, & Vachon, 1999; Black, 1998). There is also evidence that patients with psychosis have higher rates of medical comorbidities (Dalmau, Bergman, & Brismar, 1997) and that there are large numbers who do not receive adequate medical care (Brugha, Wing, & Smith, 1989; Maricle, Hoffman, Bloom, Faulkner, & Keepers, 1987). Caring for this vulnerable population represents a major and costly responsibility for the VHA. In FY03, VHA provided medical and psychiatric care for 217,760 patients with psychosis, at a cost of about \$3.3B.

Along with health care systems nationwide, the VHA has been rapidly moving from an inpatient to an outpatient model for the provision of general and mental health services. This has led to a greater reliance on community-based programs, intensive case management and care management techniques (VHA, 1998). In order to ensure that these services would in fact provide adequate care for vulnerable patients, Congress passed Public Law 104-262, the Veterans Healthcare Eligibility Reform Act of 1996. It requires that VHA "...maintain its capacity to provide for the specialized treatment and rehabilitation needs of disabled veterans... within distinct programs or facilities...that are dedicated to the specialized needs of those veterans in a manner that (A) affords those veterans reasonable access to care and services ...and (B) ensures that overall capacity...is not reduced below the capacity...nationwide...as of October, 1996."

"Care in the VHA for Veterans with Psychosis" allows VHA and its VISNs to monitor the maintenance of the capacity to treat its SMI population. The report includes the characteristics of the population of veterans with psychosis, the services provided them by VHA at the national level, and the costs associated with these services, by VISN and for each station. This allows for assessment of similarities and differences, along with trends over time. Of special interest are the various ways in which networks organize their services and direct their resources.

The use of antipsychotic medications is described in a separate chapter. The reporting of pharmacy data provides VHA with information on the use of typical versus atypical antipsychotic medications, with special attention paid to Clozapine usage and to what percentage of patients with psychosis are receiving any appropriate medications in the amounts required to adequately treat their conditions.

"Care for Veterans with Psychosis in the VHA, FY03" paints a timely picture of the state of care for patients with psychosis within the VHA. As differences in treatment and spending priorities emerge, the possible impact of these differences on patient well-being will be explored, supporting efforts to provide the highest quality of treatment possible.

SMITREC

Public Law 101-507 provided additional financial resources to enhance the care of seriously mentally ill veterans who had been institutionalized in VHA medical centers. In compliance with this legislation, the VHA developed the Long Term Mental Health Enhancement Program (now SMITREC) to: 1) support the discharge and maintenance in the community of veterans with serious mental illnesses and a history of institutional dependence; 2) decrease excess mortality; 3) improve recruitment, morale, and retention of clinical care providers for the seriously mentally ill; and 4) develop the capacity of clinicians and managers to identify, conceptualize, and prepare plans to improve and enhance the long-term care of veterans with serious mental illnesses.

Central program enhancement funds were apportioned by Congress to establish new specialized programs for veterans with serious and persistent mental illnesses to facilities traditionally most involved in the care of these patients. The National Serious Mental Illness Treatment Research and Evaluation Center (SMITREC) was established as part of this funding mechanism to monitor and evaluate the transition of care for the seriously mentally ill and to provide policy makers and clinical administrators with data that would assist in the development of alternatives to long-term institutional care. With the reorganization of the VHA and a shift of emphasis from inpatient to outpatient care, SMITREC's evaluation and monitoring role currently includes the impact of deinstitutionalization on access to care, course of treatment, cost of care, medication prescription practices, and outcomes (e.g., quality of life, patient satisfaction, functioning, symptomatology, loss to VHA care, homelessness).

The National Psychosis Registry

Following the recommendation of the Committee on Care of Severely Chronically Mentally Ill Veterans, the National Serious Mental Illness Treatment Research and Evaluation Center (SMITREC) developed the National Psychosis Registry in 1999. The National Psychosis Registry is an ongoing registry of all veterans diagnosed with psychosis (schizophrenia other than latent, schizoaffective disorder, bipolar disorders, and other non-organic psychoses) who have received VHA services from 1988 to the present. Thus, the registry consists of records for all patients who received a diagnosis of psychosis during inpatient stays for FY88-FY03 and during outpatient visits for FY97-03.

The National Psychosis Registry has been and will be used for a number of different analyses. In late 1999, SMITREC presented a white paper to the VHA titled "Veterans with Psychosis in the VHA FY89-FY98: Access to Care, Loss to Follow-up, and Mortality" which studied trends in health care utilization, deinstitutionalization, capacity, mortality, and other issues related to the care of the seriously mentally ill veterans in the VHA. Current and upcoming areas of work, and recent publications, include: "Gender Differences in the Diagnosis and Treatment of Serious Mental Illnesses in VHA: Special Issues for Women Veterans", "Health Care Utilization among Patients with Schizophrenia and Diabetes", "Ethnicity and Diagnostic Patterns among SMI Veterans", "Influence of Aging and Diagnosis upon Utilization", "Accessibility Barriers to Care among Veterans with Psychoses", "Patient and Treatment Correlates of Psychiatric Disorders Among Individuals in VHA Nursing Home and Community Residential Care", "Health Services Needs of Aging Veterans with Schizophrenia", "Major Psychotic Disorders as Predictors of Outcome in Surgical Patients", "Determinants of Treatment Retention for Veterans with Psychoses", "Atypical Antipsychotic Use across Ethnic Groups", "Excess Mortality Among Veterans with Serious Mental Illness", "Pharmacy data identifies poorly adherent patients at increased risk for admission", and "Poor Antipsychotic Adherence Among Patients with Schizophrenia: Medication and Patient Factors" (Valenstein et al., 2002; Valenstein et al., in press, Schizophrenia Bulletin). Based upon medication compliance findings in previous reports, a multi-site grant has also been funded and is now underway to improve compliance among SMI veterans.

Report Overview and Structure

Registry patients were identified using data obtained from the VHA Patient Treatment File (PTF), census data files, and Outpatient Care Files (OPC) located at the Austin Automation Center in Texas and were included provided they had at least one qualifying psychosis diagnosis in the FY03 inpatient or outpatient data. Qualifying diagnoses included schizophrenia disorders other than latent, schizoaffective disorder, bipolar disorders, and other non-organic psychoses. (See Appendix A for specific ICD-9 codes included.)

Because the treatment needs and disease course differ substantially among diagnoses, variables are reported for each group separately and collectively. Patients often receive more than one diagnosis over time or even during one episode of care. Patients were therefore “assigned” to the diagnosis which appeared in the greatest number of episodes of care during FY03. Ties were resolved using a rank ordering of 1) schizophrenia, 2) bipolar disorder and 3) other psychosis.

The VHA Site Tracking (VAST) system was used to identify parent station groupings among VISNs and each patient was assigned to a station based on where they had the most inpatient and outpatient utilization in FY03. This algorithm assessed one inpatient day of stay as equivalent to two outpatient visit days in order to account for the possibility of one inpatient stay unreasonably affecting the outcome.

The Report consists of five chapters, each focusing on a specific domain of interest to VHA. These domains include demographics, patient characteristics, utilization, use of anti-psychotic medication and cost. Each chapter includes discussion of the domain, global tables offering an overview of the entire VHA and tables comparing the same variables across VISNs. We also present these variables for each station, organized by VISN.

Chapter 1

Demographics

Background

In order to tailor current services and track possible trends or changes for more targeted planning effort, it is essential for the VA to have information on the characteristics of its patients with psychoses. This chapter includes demographics for the patients with psychoses in FY04 and a section on the percentage of these patients that are new to VA care or newly diagnosed with psychoses.

Age

Patient age is often pivotal to understanding their psychiatric illness, as well as being linked to medical comorbidity, and thereby, health care utilization. SMI conditions, especially schizophrenia, are generally considered diseases of younger individuals, due to an earlier age of onset and worse symptoms in that cohort; the Epidemiologic Catchment Area (ECA) study found a 3 times higher prevalence rate among persons under 45 than in older groups. In fact, Di Maggio notes that the onset age, appearance of initial schizophrenia symptoms, and first treatment contact has been steadily decreasing over time (Di Maggio, Martinez, Menard, Petit, & Thibaut, 2001). The presence of a dual diagnosis is also observed far more frequently in younger patients. Unfortunately, as reported by Wang et al., these individuals receive treatment for their serious psychiatric conditions at significantly lower rates than older patients (Wang, Demler, & Kessler, 2002).

Among older patients, SMI conditions typically manifest with less severe symptomology, and these individuals tend to display better overall functioning (Meeks & Murrell, 1997). Social support is also generally stronger within this cohort, which positively affects quality of life and potential outcomes (Walkup & Gallagher, 1999). However, despite these beneficial attributes of aging on SMI, Cohen (Cohen et al., 2000) notes that a “crisis has emerged” in the diagnosis and treatment of older individuals with schizophrenia and bipolar disorder. In addition to the fact ECA rates might be artificially low, barriers to effective treatment within older patients, stigma, and other factors might deleteriously compensate for less serious SMI circumstances. Negative symptoms are often more difficult to recognize in older patients, and while multidimensional needs magnify with age, the healthcare and social systems tend to focus primarily on physical instead of psychiatric concerns. Increased medical care service use among older patients is well documented; however, recent VA studies have found that mental health and substance abuse utilization (both outpatient visits and admissions) drop significantly with age (Barry, Blow, Dornfeld, & Valenstein, 2002; Zeber, Copeland, & Grazier, 2003). Finally, older SMI patients run a substantially greater risk of experiencing tardive dyskinesia and other medication side effects (Mamo, Sweet, Chengappa, Reddy, & Jeste, 2002).

In this report, patient age was based on the recorded date of birth and was calculated as of the first day of FY04, 10/1/03.

Gender

According to the Department of Defense, as of 9/04, there were 212,156 women in the military, comprising approximately 15% percent of the total U.S. Armed Forces. This year, women comprise 7.4% the patients in the Registry.

There is evidence of differences between the genders in rates of SMI, with ECA finding a fairly small but consistently higher prevalence among women. Differential effects have been observed across several important aspects. These include: 1) age on disease onset in schizophrenia, where women generally have a later onset and perhaps worse symptoms when onset subsequently arrives (Palmer, McClure, & Jeste, 2001; Hafner, Hambrecht, Loffler, Munk-Jorgensen, & Riecher-Rossler, 1998). This fact has led to theories of a protective effect from estrogen, including the impact of antipsychotic side effects (Usall, Haro, Ochoa, Marquez, & Araya, 2002; Grigoriadis & Seeman, 2002), 2). men with SMI conditions tend to exhibit worse functional status, while women foster enhanced social support, live independently better, and have higher marital rates (Usall et al., 2001), 3) women display more severe positive symptoms, though this decreases with age (Lindamer, Lohr, Harris, McAdams, & Jeste, 1999), 4) although female patients have fewer comorbid psychiatric conditions, their psychosis might be more severe and refractory than men (Sajatovic, Vernon, & Semple, 1997; Miller & Burns, 1995). In addition, gender differences in cognitive abilities and conceptualization have also been observed in Rorschach and other psychological tests (Danielsson, Flyckt, & Edman, 2001).

In terms of utilization, several studies have focused on veterans. Although earlier research (Hoff & Rosenheck, 1998a; Hoff & Rosenheck, 1998b) indicated that women might underutilize all VA care, especially mental health services (perhaps due to their significant minority status in the armed forces), a more recent study found that female SMI veterans receive VA psychiatric care at higher rates than men (Mojtabai, Rosenheck, Wyatt, & Susser, 2003).

These issues of disease epidemiology, care-seeking and treatment rates, and clinical outcomes must be accounted for, especially as the proportion of women in the veteran population grows.

Race

VHA is committed to ensuring appropriate treatment for all beneficiaries. Monitoring the treatment of different racial groups can aid in this goal. Numerous studies have noted differences in the diagnosis and treatment of SMI based on race. Specifically, it has been found that despite no compelling evidence that African Americans suffer from schizophrenia at higher rates, they are often diagnosed with the illness with greater frequency. Minorities tend to suffer the burden of mental illness at a higher rate (particularly schizophrenia), yet have different diagnostic and treatment rates than Caucasians (Flaskerud & Hu, 1992; Ineichen, 1991; Neighbors, Jackson, Campbell, & Williams, 1989; Goater et al., 1999; Bhugra et al., 1997). Despite tremendous progress in eliminating disparities in a variety of medical areas within the VA (Demakis, 2002), differential patterns of psychiatric diagnosis and treatment have been observed in recent studies (Zeber et al., 2003; Copeland, Zeber, Valenstein, & Blow, 2003).

The race of each person was determined to be the race reported at their first instance of utilization in FY04. Utilization data from previous fiscal years were examined to fill in missing or “unknown” race information.

In FY03, new race and ethnicity variables were implemented in the VHA medical SAS datasets to be consistent with new Federal guidelines on how to report race. As a result, the percentage of registry patients with “unknown” race increased to 21% in FY03, and 25% in FY04. We expect this trend to reverse once the shift to the use of the new variables becomes complete.

Patients New to the NPR

The NPR report focuses on veterans who meet receive a diagnosis of psychosis in a given fiscal year. In an effort to better understand the influx of new NPR patients, SMITREC decided to look at two key elements: those new to the NPR; and those new to VHA. Those new to the NPR are defined as veterans with a diagnosis of psychosis in FY04 who did not have this diagnosis in FY02 or FY03. Those new to VHA are defined as veterans with a diagnosis of psychosis in FY04 who did not receive any VHA care in the previous two years. Table 1 provides counts of these elements by diagnosis group.

Marital Status

Many VA studies note the high proportion of SMI veterans that are either ‘never married’ or ‘divorced/separated’. This data sheds light on the personal circumstances and social supports of this population. Marital status and social support are crucial factors for SMI patients. Researchers have noted gender differences in marital status (males have much lower marital rates), plus worse quality of life and treatment access among single individuals (Salokangas, Honkonen, Stengard, & Koivisto, 2001). In addition to documenting lower overall marital rates, Hutchinson et al. found reduced fertility and reproductive behavior; however, they comment this is quite possibly mediated by cultural factors (Hutchinson et al., 1999). SMI illness duration, severity of condition, and clinical outcomes are also associated with the marital course (Thara & Srinivasan, 1997).

Marital status was identified as the first non-missing report from PTF data if available, or from the OPC file.

Key Findings

- During FY04, 234,588 VA patients received a psychosis diagnosis. These included 92,326 unique patient with schizophrenia (SCH), 78,963 with bipolar disorder (BP) and 63,299 with other psychotic disorders. This represents a 7.7% increase from FY03 and a 22.4% increase from FY99.
- The number of patients with schizophrenia in FY03 continued its downward trend, falling 2.2% since FY03 and 32% since FY99. Meanwhile the number with bipolar disorder rose again, up 6.8% since FY03 and 32% since FY99. The patient population with Other Psychoses has risen 134% since FY99.
- Average age continues to rise, up 8% since FY99.
- The percent of veterans for whom a racial background could not be determined rose to 25%, thereby making any inferences regarding the racial mix of NPR patients very difficult.
- 38% of veterans in the NPR for FY04 are either new to the registry or new to the VA and 70% of them have a diagnosis of other psychoses.
- 60% of the patients with other psychoses are new to the registry for FY04.

Tables

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Table 1A: FY04 Patient w/ Psychosis, Demographics, by Diagnosis Grouping

		All	Schizophrenia	Bipolar	Other
Entire Population		234588	92326	78963	63299
<u>Age, %</u>		100.0%	39.4%	33.7%	27.0%
<35		4.8%	3.9%	8.1%	1.9%
>=35 and <50		26.4%	30.2%	35.0%	9.9%
>=50 and <65		38.4%	47.6%	42.0%	20.6%
>=65 and <80		20.0%	14.8%	12.6%	36.6%
>=80		10.5%	3.4%	2.2%	31.0%
Total		100.0%	100.0%	100.0%	100.0%
mean age		58.13	54.89	52.38	70.02
SD		14.79	11.82	12.46	14.69
<u>Gender</u>					
Male, %		92.6%	94.6%	87.5%	96.2%
Female, %		7.4%	5.4%	12.5%	3.8%
Total		100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>					
Hispanic white		4.8%	6.8%	2.6%	4.5%
Hispanic black		0.4%	0.6%	0.2%	0.3%
American Indian		0.3%	0.3%	0.3%	0.2%
Black		17.3%	26.2%	9.8%	13.8%
Asian		0.5%	0.8%	0.3%	0.4%
White		51.7%	50.8%	58.6%	44.5%
Race unknown		25.0%	14.5%	28.3%	36.3%
Total		100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>					
Never married		27.0%	42.4%	20.8%	12.3%
Married		36.5%	24.1%	37.4%	53.4%
Divorced/Separated		30.4%	29.9%	38.4%	21.2%
Widowed		6.1%	3.6%	3.4%	13.1%
Total		100.0%	100.0%	100.0%	100.0%

Table 1B: FY04 All Patients, Demographics, by VISN

		all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
<u>Psychosis Diagnosis Group, %</u>	All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
	Schizophrenia	39.4%	39.4%	39.7%	51.4%	44.7%	40.8%	39.4%	43.1%	39.9%	34.6%	43.0%	45.8%
	Bipolar Disorder	33.7%	39.4%	37.3%	27.5%	31.5%	30.8%	33.3%	28.0%	29.8%	33.3%	33.5%	34.2%
	Other Psychoses	27.0%	21.2%	23.0%	21.1%	23.8%	28.4%	27.3%	28.9%	30.3%	32.1%	23.5%	20.0%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Age, %</u>	<35	4.8%	4.1%	4.5%	3.8%	4.0%	4.6%	5.4%	5.0%	3.4%	4.8%	4.6%	4.7%
	>=35 and <50	26.4%	24.2%	27.0%	24.6%	24.5%	28.3%	28.5%	28.6%	21.4%	25.0%	28.9%	29.3%
	>=50 and <65	38.4%	40.0%	36.2%	39.0%	38.3%	36.5%	36.5%	37.5%	37.8%	37.2%	38.1%	41.0%
	>=65 and <80	20.0%	21.4%	21.4%	21.7%	21.8%	19.6%	19.4%	19.2%	23.7%	21.6%	19.0%	17.8%
	>=80	10.5%	10.4%	10.9%	10.9%	11.5%	11.0%	10.2%	9.6%	13.7%	11.4%	9.4%	7.3%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	mean age	58.13	58.83	58.53	59.16	59.19	57.96	57.50	57.37	60.74	58.86	57.33	56.41
<u>Gender</u>	SD	14.79	14.49	15.04	14.65	14.75	15.12	14.97	14.67	14.90	15.07	14.51	13.83
	Male, %	92.6%	94.0%	93.3%	94.7%	93.4%	91.0%	90.9%	91.4%	93.2%	93.6%	92.9%	93.5%
	Female, %	7.4%	6.0%	6.7%	5.3%	6.6%	9.0%	9.1%	8.6%	6.8%	6.4%	7.1%	6.5%
<u>Race / Ethnicity, %</u>	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Hispanic white	4.8%	1.3%	0.9%	6.7%	1.0%	0.9%	0.5%	0.5%	24.7%	0.2%	0.9%	0.6%
	Hispanic black	0.4%	0.3%	0.2%	1.5%	0.2%	0.2%	0.1%	0.1%	2.0%	0.1%	0.2%	0.1%
	American indian	0.3%	0.2%	0.3%	0.2%	0.1%	0.1%	0.3%	0.1%	0.1%	0.1%	0.1%	0.2%
	Black	17.3%	6.4%	10.6%	23.4%	17.2%	37.9%	28.0%	35.6%	9.2%	16.7%	19.5%	18.4%
	Asian	0.5%	0.2%	0.0%	0.3%	0.1%	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%
	White	51.7%	69.6%	68.9%	47.2%	55.5%	36.4%	42.7%	38.4%	38.3%	60.5%	54.7%	57.3%
	Race unknown	25.0%	22.0%	19.1%	20.6%	26.0%	24.4%	28.3%	25.3%	25.7%	22.4%	24.6%	23.4%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>	Never married	27.0%	32.0%	30.9%	42.5%	32.4%	32.2%	25.0%	23.7%	18.3%	20.8%	27.4%	31.0%
	Married	36.5%	32.6%	34.5%	27.6%	34.6%	30.2%	40.9%	39.9%	48.2%	42.7%	33.5%	30.0%
	Divorced/Separated	30.4%	29.3%	27.7%	23.1%	26.1%	29.2%	27.9%	30.0%	27.1%	30.0%	32.7%	34.1%
	Widowed	6.1%	6.1%	6.9%	6.7%	6.9%	8.4%	6.2%	6.4%	6.4%	6.6%	6.4%	4.9%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1B: FY04 All Patients, Demographics, by VISN

		all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients		234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Psychosis Diagnosis Group, %</u>												
	Schizophrenia	39.4%	37.2%	36.5%	39.3%	36.0%	29.9%	30.9%	33.0%	39.3%	39.0%	36.5%
	Bipolar Disorder	33.7%	35.0%	36.7%	26.5%	37.0%	39.8%	43.5%	41.0%	32.9%	35.2%	37.9%
	Other Psychoses	27.0%	27.8%	26.8%	34.2%	27.0%	30.4%	25.5%	26.0%	27.8%	25.8%	25.6%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Age, %</u>												
	<35	4.8%	4.9%	4.8%	5.1%	6.0%	4.8%	6.6%	6.0%	5.0%	5.6%	4.8%
	>=35 and <50	26.4%	25.9%	27.7%	25.1%	28.4%	25.7%	27.9%	28.5%	26.0%	29.0%	26.3%
	>=50 and <65	38.4%	37.1%	38.3%	38.4%	37.3%	38.2%	39.2%	41.3%	41.7%	38.7%	38.5%
	>=65 and <80	20.0%	21.1%	19.3%	20.6%	18.4%	19.7%	17.3%	15.7%	17.4%	17.0%	21.0%
	>=80	10.5%	11.0%	9.8%	10.9%	9.9%	11.6%	9.0%	8.5%	9.9%	9.7%	9.4%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	mean age	58.13	58.51	57.64	58.46	57.16	58.49	56.49	56.21	57.55	56.90	58.01
	<i>SD</i>	14.79	15.11	14.61	14.94	14.98	15.06	14.79	14.34	14.51	14.68	14.61
<u>Gender</u>												
	Male, %	92.6%	93.6%	92.8%	92.6%	91.0%	91.2%	91.9%	91.4%	91.7%	92.5%	93.3%
	Female, %	7.4%	6.4%	7.2%	7.4%	9.0%	8.8%	8.1%	8.6%	8.3%	7.5%	6.7%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>												
	Hispanic white	4.8%	1.4%	0.8%	1.2%	10.9%	10.0%	5.2%	1.1%	4.4%	5.9%	0.6%
	Hispanic black	0.4%	0.1%	0.0%	0.1%	0.2%	0.3%	0.1%	0.2%	0.2%	0.3%	0.0%
	American Indian	0.3%	0.2%	0.2%	0.4%	0.1%	0.8%	0.5%	0.8%	0.5%	0.2%	0.7%
	Black	17.3%	23.9%	15.3%	27.1%	18.2%	5.8%	4.9%	6.4%	11.9%	16.6%	5.2%
	Asian	0.5%	0.2%	0.1%	0.1%	0.1%	0.3%	0.3%	0.8%	6.1%	1.4%	0.1%
	White	51.7%	48.5%	58.1%	48.2%	48.4%	57.3%	66.8%	62.4%	49.6%	42.7%	67.1%
	Race unknown	25.0%	25.7%	25.5%	23.0%	22.0%	25.5%	22.2%	28.3%	27.3%	32.9%	26.2%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>												
	Never married	27.0%	32.9%	23.1%	21.5%	22.5%	20.6%	22.7%	24.0%	32.3%	35.7%	27.2%
	Married	36.5%	31.2%	37.5%	41.4%	39.8%	40.6%	37.6%	33.6%	30.1%	27.8%	35.0%
	Divorced/Separated	30.4%	29.8%	33.8%	30.5%	32.0%	32.6%	34.8%	37.0%	32.2%	31.3%	32.7%
	Widowed	6.1%	6.1%	5.7%	6.6%	5.7%	6.2%	4.9%	5.4%	5.3%	5.2%	5.1%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1C: FY04 Patients w/ Schizophrenia, Demographics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Age, %</u>												
<35	3.9%	3.1%	3.0%	3.0%	2.9%	3.8%	4.7%	4.4%	2.9%	4.2%	3.4%	3.6%
>=35 and <50	30.2%	26.6%	28.4%	26.9%	27.2%	30.8%	33.0%	35.6%	24.7%	29.9%	32.1%	31.0%
>=50 and <65	47.6%	47.2%	44.6%	46.7%	47.6%	46.1%	46.1%	44.7%	50.2%	47.1%	48.3%	48.6%
>=65 and <80	14.8%	18.7%	18.9%	18.2%	18.1%	15.7%	12.9%	12.6%	17.8%	15.6%	13.4%	13.8%
>=80	3.4%	4.4%	5.1%	5.3%	4.1%	3.6%	3.4%	2.8%	4.4%	3.2%	2.7%	3.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
mean age	54.89	56.47	56.64	56.89	56.26	54.96	53.95	53.51	56.58	55.01	54.36	54.55
SD	11.82	12.28	12.67	12.51	12.08	12.11	11.83	11.38	11.87	11.96	11.22	11.47
<u>Gender</u>												
Male, %	94.6%	95.6%	95.5%	95.4%	94.8%	93.1%	93.5%	93.1%	95.6%	95.1%	94.5%	95.2%
Female, %	5.4%	4.4%	4.5%	4.6%	5.2%	6.9%	6.5%	6.9%	4.4%	4.9%	5.5%	4.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>												
Hispanic white	6.8%	1.7%	1.2%	7.4%	1.4%	0.8%	0.6%	0.6%	39.6%	0.2%	1.1%	0.7%
Hispanic black	0.6%	0.5%	0.4%	1.7%	0.2%	0.1%	0.2%	0.1%	3.3%	0.1%	0.2%	0.1%
American Indian	0.3%	0.2%	0.3%	0.3%	0.0%	0.1%	0.3%	0.1%	0.1%	0.1%	0.1%	0.3%
Black	26.2%	9.8%	14.7%	28.9%	25.1%	48.9%	43.2%	52.9%	13.8%	27.9%	29.1%	27.2%
Asian	0.8%	0.3%	0.0%	0.4%	0.1%	0.3%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%
White	50.8%	76.5%	71.8%	46.8%	58.9%	35.9%	38.9%	30.7%	31.0%	61.2%	56.9%	57.7%
Race unknown	14.5%	11.0%	11.6%	14.5%	14.3%	13.9%	16.5%	15.6%	12.0%	10.5%	12.5%	14.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>												
Never married	42.4%	50.4%	47.5%	56.3%	47.6%	46.9%	41.2%	37.0%	26.5%	38.3%	43.3%	47.2%
Married	24.1%	18.8%	21.8%	18.7%	21.7%	19.4%	26.0%	27.8%	43.8%	27.4%	19.9%	17.6%
Divorced/Separated	29.9%	27.1%	26.5%	20.9%	26.4%	28.9%	29.4%	31.7%	26.3%	31.0%	33.2%	31.8%
Widowed	3.6%	3.7%	4.3%	4.1%	4.2%	4.9%	3.4%	3.6%	3.4%	3.3%	3.6%	3.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1C: FY04 Patients w/ Schizophrenia, Demographics, by VISN

		all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia		92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Age, %</u>												
	<35	3.9%	4.5%	3.8%	4.7%	4.8%	4.3%	5.0%	4.3%	3.9%	5.0%	4.4%
	>=35 and <50	30.2%	31.5%	33.1%	31.3%	31.3%	32.1%	32.3%	30.6%	29.7%	33.1%	29.5%
	>=50 and <65	47.6%	47.3%	47.1%	48.1%	46.7%	48.1%	48.5%	50.5%	49.8%	46.3%	47.6%
	>=65 and <80	14.8%	13.6%	13.1%	13.2%	13.8%	12.5%	11.7%	12.2%	13.7%	12.4%	15.5%
	>=80	3.4%	3.1%	2.9%	2.8%	3.4%	3.0%	2.4%	2.3%	2.8%	3.2%	3.0%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	mean age	54.89	54.31	54.13	54.08	54.33	53.89	53.41	53.92	54.61	53.78	54.82
	SD	11.82	11.85	11.32	11.58	11.80	11.62	11.24	11.09	11.43	11.76	11.97
<u>Gender</u>												
	Male, %	94.6%	94.8%	94.8%	94.3%	94.0%	93.7%	94.7%	94.3%	94.3%	93.9%	94.8%
	Female, %	5.4%	5.2%	5.2%	5.7%	6.0%	6.3%	5.3%	5.7%	5.7%	6.1%	5.2%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>												
	Hispanic white	6.8%	1.8%	1.0%	1.3%	13.7%	14.7%	8.1%	1.3%	5.5%	7.6%	0.8%
	Hispanic black	0.6%	0.2%	0.0%	0.1%	0.3%	0.3%	0.1%	0.2%	0.4%	0.3%	0.0%
	American Indian	0.3%	0.2%	0.2%	0.4%	0.1%	1.1%	0.7%	1.1%	0.5%	0.2%	0.9%
	Black	26.2%	31.8%	25.8%	41.7%	30.2%	10.0%	6.7%	8.5%	15.6%	24.9%	7.3%
	Asian	0.8%	0.2%	0.1%	0.2%	0.2%	0.3%	0.2%	1.5%	10.1%	2.4%	0.0%
	White	50.8%	49.9%	59.8%	42.8%	43.8%	55.7%	70.6%	69.8%	48.8%	43.6%	75.1%
	Race unknown	14.5%	16.0%	13.1%	13.6%	11.7%	17.9%	13.6%	17.6%	19.1%	21.0%	15.8%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>												
	Never married	42.4%	53.0%	39.5%	35.2%	35.8%	34.4%	39.0%	41.1%	49.1%	51.0%	46.7%
	Married	24.1%	16.1%	23.3%	27.9%	26.8%	26.8%	22.9%	19.5%	19.7%	17.1%	18.0%
	Divorced/Separated	29.9%	27.7%	34.1%	33.0%	33.7%	35.2%	35.0%	36.2%	28.1%	28.8%	32.6%
	Widowed	3.6%	3.2%	3.1%	3.8%	3.7%	3.6%	3.1%	3.3%	3.1%	3.1%	2.8%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1D: FY04 Patients w/ Bipolar Disorder, Demographics, by VISN

		all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder		78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Age, %</u>													
	<35	8.1%	6.5%	8.2%	6.7%	7.3%	8.3%	9.1%	9.3%	6.4%	8.0%	8.5%	7.8%
	>=35 and <50	35.0%	30.5%	37.2%	31.8%	34.1%	41.2%	37.9%	35.8%	31.9%	36.0%	38.8%	37.1%
	>=50 and <65	42.0%	44.8%	39.8%	40.1%	42.2%	37.9%	38.6%	41.0%	42.9%	42.7%	39.7%	40.6%
	>=65 and <80	12.6%	14.9%	12.4%	17.8%	13.5%	10.5%	11.9%	12.4%	15.7%	11.7%	11.1%	12.8%
	>=80	2.2%	3.3%	2.3%	3.7%	2.8%	2.0%	2.4%	1.6%	3.1%	1.7%	2.0%	1.7%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	mean age	52.38	54.17	51.97	54.50	53.06	51.06	51.61	51.68	54.12	51.85	51.35	52.01
	SD	12.46	12.68	12.46	13.38	12.56	12.37	12.63	12.53	12.71	12.00	12.24	12.23
<u>Gender</u>													
	Male, %	87.5%	91.6%	89.2%	91.6%	88.9%	83.5%	82.8%	84.0%	87.5%	87.9%	88.1%	89.4%
	Female, %	12.5%	8.4%	10.8%	8.4%	11.1%	16.5%	17.2%	16.0%	12.5%	12.1%	11.9%	10.6%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>													
	Hispanic white	2.6%	1.0%	0.7%	5.8%	0.7%	1.2%	0.6%	0.4%	9.2%	0.4%	0.7%	0.5%
	Hispanic black	0.2%	0.2%	0.0%	1.3%	0.1%	0.3%	0.1%	0.1%	0.7%	0.1%	0.1%	0.1%
	American indian	0.3%	0.2%	0.3%	0.1%	0.1%	0.1%	0.4%	0.2%	0.1%	0.1%	0.1%	0.2%
	Black	9.8%	3.9%	8.3%	15.6%	11.1%	26.5%	16.9%	17.6%	5.9%	9.0%	11.0%	8.0%
	Asian	0.3%	0.2%	0.0%	0.3%	0.1%	0.3%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	White	58.6%	69.3%	69.9%	52.6%	60.4%	44.8%	50.8%	51.7%	53.0%	65.2%	59.1%	61.4%
	Race unknown	28.3%	25.3%	20.8%	24.3%	27.4%	26.8%	31.1%	30.0%	31.0%	25.2%	29.0%	29.7%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>													
	Never married	20.8%	23.5%	24.1%	32.8%	25.2%	27.2%	17.4%	16.6%	17.8%	14.5%	19.6%	19.9%
	Married	37.4%	35.8%	35.5%	31.4%	36.7%	31.5%	45.2%	42.8%	40.5%	44.3%	36.3%	34.5%
	Divorced/Separated	38.4%	37.0%	36.1%	31.1%	34.3%	36.9%	34.1%	36.5%	38.1%	38.1%	40.5%	42.3%
	Widowed	3.4%	3.7%	4.3%	4.6%	3.8%	4.3%	3.3%	4.0%	3.6%	3.1%	3.5%	3.2%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1D: FY04 Patients w/ Bipolar Disorder, Demographics, by VISN (continued)

		all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder		78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Age, %</u>												
	<35	8.1%	7.5%	7.9%	9.5%	10.1%	7.8%	10.4%	9.3%	8.3%	8.3%	6.9%
	>=35 and <50	35.0%	33.4%	36.0%	34.9%	38.5%	34.1%	34.7%	35.7%	31.8%	36.3%	33.6%
	>=50 and <65	42.0%	42.0%	42.2%	41.5%	39.9%	44.3%	42.9%	44.4%	45.5%	42.2%	42.3%
	>=65 and <80	12.6%	14.1%	12.2%	12.8%	9.4%	12.0%	10.4%	8.8%	11.9%	11.3%	14.8%
	>=80	2.2%	3.0%	1.7%	1.4%	2.1%	1.9%	1.5%	1.9%	2.5%	1.9%	2.3%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	mean age	52.38	53.15	52.06	51.80	50.83	52.50	51.11	51.22	52.76	51.99	53.32
	SD	12.46	12.80	12.13	12.34	12.35	12.17	12.17	11.82	12.42	12.21	12.44
<u>Gender</u>												
	Male, %	87.5%	90.5%	88.1%	84.8%	84.2%	86.1%	87.6%	87.0%	85.9%	88.4%	90.2%
	Female, %	12.5%	9.5%	11.9%	15.2%	15.8%	13.9%	12.4%	13.0%	14.1%	11.6%	9.8%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>												
	Hispanic white	2.6%	1.3%	0.7%	1.1%	6.6%	6.0%	3.3%	1.1%	3.0%	4.5%	0.5%
	Hispanic black	0.2%	0.1%	0.1%	0.1%	0.2%	0.4%	0.1%	0.1%	0.1%	0.3%	0.1%
	American Indian	0.3%	0.2%	0.3%	0.3%	0.3%	0.4%	0.6%	0.8%	0.5%	0.3%	0.5%
	Black	9.8%	17.8%	7.7%	12.6%	9.8%	4.0%	3.7%	4.4%	7.1%	10.7%	3.9%
	Asian	0.3%	0.1%	0.1%	0.1%	0.2%	0.3%	0.3%	0.5%	1.9%	0.8%	0.1%
	White	58.6%	53.7%	62.7%	59.9%	56.5%	60.9%	66.7%	61.5%	57.8%	47.7%	67.7%
	Race unknown	28.3%	26.7%	28.4%	26.0%	26.4%	28.1%	25.3%	31.5%	29.6%	35.7%	27.1%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>												
	Never married	20.8%	26.2%	16.0%	16.2%	18.2%	18.6%	18.1%	17.2%	23.9%	31.3%	18.8%
	Married	37.4%	31.0%	39.3%	42.0%	39.7%	39.2%	38.9%	37.1%	32.1%	27.1%	38.7%
	Divorced/Separated	38.4%	39.7%	41.5%	38.7%	39.1%	39.0%	40.4%	42.4%	40.4%	38.5%	39.3%
	Widowed	3.4%	3.1%	3.1%	3.1%	3.0%	3.1%	2.6%	3.3%	3.6%	3.1%	3.1%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1E: FY04 Patients w/ Other Psychoses, Demographics, by VISN

		all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses		63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Age, %</u>													
	<35	1.9%	1.3%	1.2%	2.1%	1.5%	1.8%	1.9%	1.9%	1.2%	2.1%	1.3%	1.7%
	>=35 and <50	9.9%	8.1%	7.8%	9.7%	6.8%	10.6%	10.5%	11.3%	6.7%	8.3%	9.0%	12.1%
	>=50 and <65	20.6%	17.5%	15.7%	18.7%	15.4%	21.2%	20.1%	23.6%	16.4%	20.7%	17.2%	24.2%
	>=65 and <80	36.6%	38.3%	40.4%	35.4%	39.5%	34.9%	37.9%	35.7%	39.4%	38.4%	40.5%	35.8%
	>=80	31.0%	34.7%	34.8%	34.0%	36.9%	31.5%	29.6%	27.4%	36.3%	30.5%	31.9%	26.1%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	mean age	70.02	71.83	72.42	70.82	72.79	69.77	69.80	68.61	72.71	70.25	71.27	68.17
	SD	14.69	13.86	13.66	15.07	13.46	14.99	14.59	14.81	13.39	14.39	13.80	14.85
<u>Gender</u>													
	Male, %	96.2%	95.5%	95.9%	97.0%	96.6%	96.0%	96.9%	96.0%	95.7%	97.8%	96.7%	96.4%
	Female, %	3.8%	4.5%	4.1%	3.0%	3.4%	4.0%	3.1%	4.0%	4.3%	2.2%	3.3%	3.6%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>													
	Hispanic white	4.5%	1.2%	0.4%	6.5%	0.6%	0.7%	0.3%	0.5%	20.2%	0.1%	0.8%	0.5%
	Hispanic black	0.3%	0.2%	0.2%	1.4%	0.1%	0.1%	0.1%	0.1%	1.4%	0.1%	0.2%	0.0%
	American indian	0.2%	0.1%	0.3%	0.1%	0.1%	0.1%	0.2%	0.0%	0.1%	0.1%	0.0%	0.2%
	Black	13.8%	4.7%	7.2%	20.2%	10.5%	34.5%	19.5%	27.3%	6.4%	12.5%	14.2%	16.1%
	Asian	0.4%	0.0%	0.1%	0.2%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%
	White	44.5%	57.4%	62.3%	41.0%	42.5%	27.9%	38.2%	37.0%	33.3%	54.8%	44.4%	49.4%
	Race unknown	36.3%	36.3%	29.5%	30.7%	46.3%	36.7%	41.7%	35.1%	38.6%	32.4%	40.4%	33.7%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>													
	Never married	12.3%	13.6%	13.7%	21.7%	13.7%	16.6%	10.9%	11.0%	8.1%	8.6%	9.6%	12.7%
	Married	53.4%	52.5%	54.6%	44.4%	55.7%	44.2%	57.2%	55.0%	61.4%	57.4%	54.3%	50.8%
	Divorced/Separated	21.2%	19.0%	16.1%	18.0%	14.6%	21.3%	18.2%	21.0%	17.4%	20.4%	20.8%	25.4%
	Widowed	13.1%	14.9%	15.7%	15.9%	16.0%	17.9%	13.7%	13.1%	13.0%	13.6%	15.3%	11.1%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1E: FY04 Patients w/ Other Psychoses, Demographics, by VISN

		all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses		63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Age, %</u>												
	<35	1.9%	2.3%	2.0%	2.1%	2.1%	1.5%	2.1%	3.0%	2.5%	2.8%	2.1%
	>=35 and <50	9.9%	9.0%	9.1%	10.4%	10.5%	8.3%	10.9%	14.3%	14.1%	12.9%	11.0%
	>=50 and <65	20.6%	17.3%	21.2%	24.9%	21.1%	20.4%	21.6%	24.7%	25.7%	22.4%	19.8%
	>=65 and <80	36.6%	39.8%	37.5%	35.1%	36.8%	37.1%	35.7%	31.1%	29.1%	31.7%	38.1%
	>=80	31.0%	31.6%	30.2%	27.5%	29.5%	32.7%	29.6%	26.9%	28.7%	30.2%	28.9%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	mean age	70.02	70.88	70.04	68.62	69.60	70.86	69.41	66.97	67.34	68.30	69.51
	SD	14.69	14.63	14.37	14.85	14.73	14.12	14.95	15.91	15.98	15.69	14.88
<u>Gender</u>												
	Male, %	96.2%	96.0%	96.6%	96.7%	96.3%	95.3%	95.7%	94.7%	95.1%	95.9%	96.0%
	Female, %	3.8%	4.0%	3.4%	3.3%	3.7%	4.7%	4.3%	5.3%	4.9%	4.1%	4.0%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>												
	Hispanic white	4.5%	0.9%	0.5%	1.2%	13.1%	10.6%	5.0%	0.8%	4.4%	5.2%	0.4%
	Hispanic black	0.3%	0.1%	0.0%	0.1%	0.2%	0.2%	0.2%	0.3%	0.1%	0.2%	0.0%
	American Indian	0.2%	0.1%	0.1%	0.4%	0.0%	1.0%	0.2%	0.4%	0.5%	0.1%	0.7%
	Black	13.8%	21.1%	11.3%	21.5%	13.9%	4.1%	4.6%	6.8%	12.5%	12.0%	4.2%
	Asian	0.4%	0.2%	0.0%	0.1%	0.1%	0.1%	0.2%	0.6%	5.5%	0.8%	0.1%
	White	44.5%	40.1%	49.5%	45.3%	43.3%	54.3%	62.4%	54.4%	40.9%	34.7%	54.8%
	Race unknown	36.3%	37.4%	38.6%	31.4%	29.5%	29.6%	27.3%	36.8%	36.1%	47.1%	39.7%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>												
	Never married	12.3%	14.7%	10.5%	10.1%	10.6%	9.7%	10.8%	13.0%	18.6%	18.7%	12.1%
	Married	53.4%	51.4%	54.0%	56.2%	57.1%	55.8%	53.0%	45.9%	42.6%	44.7%	53.8%
	Divorced/Separated	21.2%	20.2%	22.9%	21.3%	20.1%	21.7%	25.1%	29.7%	28.5%	25.3%	23.0%
	Widowed	13.1%	13.8%	12.6%	12.4%	12.1%	12.8%	11.1%	11.4%	10.3%	11.4%	11.1%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chapter 2

Other Patient Characteristics

Background

Registry Patient's History of VA Utilization

We report the number of years since a patient's first service use in the prior five fiscal years and both the percentage of years since this initial use that included 24-hour institutional care and that included outpatient care. This provides a more comprehensive picture of the Registry population, illustrating the stability and regularity of care received over the prior five fiscal years.

GAF

Available for the majority of Registry patients, this measure of functioning is widely used in both clinical practice and research settings. Reliance upon the GAF as the only tool to assess patients' functioning may be problematic (Roy-Byrne, Dagadakis, Unutzer, & Ries, 1996), and a recent VA study found minimal association with the amount of treatment received or clinical outcomes (Moos, Nichol, & Moos, 2002). However, numerous other studies have documented the GAF's solid reliability and usefulness as an indicator of health status and treatment outcomes. With appropriate training, GAF scores are highly correlated with both symptomology and social functioning (Startup, Jackson, & Bendix, 2002; Bates, Lyons, & Shaw, 2002). In addition, a high degree of consistency in scoring has been shown across provider licensure (e.g. psychiatrists, social workers), especially in the outpatient setting (Harel, Smith, & Rowles, 2002).

VHA Directive 97-059, Instituting Global Assessment of Function (GAF) Scores in Axis V for Mental Health Patients, set policy "that, starting in FY 1998 ... mental health clinicians are required to record at least one GAF score in Axis V reflecting the 'current level of functioning' for each veteran patient seen at any VHA mental health inpatient or outpatient setting. ... Outpatients seen in a mental health clinic or program who have not had a GAF score for 90 days will require an update.... At least one GAF score in Axis V will now be required for all patients discharged from psychiatric bed sections" (Department of Veterans Affairs, 1997). We report the average of both IP and OP GAF measures for FY04, as well as a measure of the frequency with which the GAF was administered as mandated.

Psychosis Diagnostic Grouping

As described in Appendix A, for reporting purposes we assigned patients to one of three psychosis groups (schizophrenia, bipolar disorder, and other psychoses), based on which diagnostic category appeared in the most outpatient visit days or inpatient stays in the fiscal year. When comparing all psychosis patients across VISNs, we report for each VISN the distribution of patients in each of the three psychosis groups. These indicators demonstrate substantial variation in the prevalence of psychosis types among individuals in VA treatment. It is important to note these differences when comparing VISN aggregated data for all patients with psychoses. There was substantial variation across facilities in the distribution of psychosis patients. For example, individuals in the schizophrenia group constituted between 29.9% (VISN 18) and 51.4% (VISN 3) of patients with psychoses. Factors that may explain these differences include environmental

factors, non-VA health service resources, VA system attributes and provider diagnostic patterns, and regional differences in veteran care seeking behavior.

Dual Diagnosis

Complicating the severity of SMI conditions alone, the additional component of substance abuse represents one of the most significant obstacles to effective schizophrenia treatment (Dixon, 1999). This "double jeopardy" (Swofford, Scheller-Gilkey, Miller, Woolwine, & Mance, 2000) offers considerable challenges to the patient, provider and system, and has appropriately received tremendous attention in the clinical literature. Pertinent issues include the pervasiveness of alcohol and drug use among the mentally ill, correlates of higher rates, debates regarding etiology, difficulties in detection and diagnosis, the deleterious effect upon symptomology and functioning, plus treatment options and prognosis. Per the Epidemiological Catchment Area study (Regier et al., 1990), 47% of individuals with schizophrenia also have a substance abuse condition, compared with a 16% prevalence rate within the general population. However, Kessler comments that both the ECA and National Comorbidity Study probably underestimate the true prevalence of dual diagnosis, since such studies often exclude the homeless and patients too dysfunctional to complete the surveys (Kessler et al., 1996). Indeed, numerous clinical studies of SMI populations have consistently estimated the rate of comorbid substance abuse at between 50-75% (Drake & Wallach, 1989). Patient factors associated with higher rates of dual diagnosis include being male, younger, unmarried, and lower SES.

The two primary theories regarding the etiology of dual diagnosis include the "vulnerability" model, which suggests that symptomology may be either initiated or exacerbated by alcohol or illicit substances (Dixon, Haas, Weiden, Sweeney, & Frances, 1991), and the "self-medication" model, where patients use substances in order to alleviate their SMI symptoms. With the self-medication theory in growing disfavor, the current view assumes a more nuanced picture, describing a collection of psychosocial risk factors (general addictive behaviors or predilections, social isolation, lack of structured daily activities, or the influence of a deviant peer group) (Mueser, Drake, & Wallach, 1998). In addition, there is recent research indicating that substance abuse may be a primary symptom of schizophrenia due to abnormalities in the hippocampal formation and frontal cortex (Chambers, Krystal, & Self, 2001). Another study found a higher incidence of early life trauma in patients with schizophrenia and substance abuse than in those with only schizophrenia indicating a possible relationship between life experience and the onset of substance abuse (Scheller-Gilkey, Thomas, Woolwine, & Miller, 2002).

Regardless of etiology, dual diagnosis presents many challenges for the treatment of SMI. These problems begin with classification, including a lack of consistent terminology (use, abuse, dependence), difficulty in detection due to masked symptoms, and poor treatment rates once diagnosed (Milling, Faulkner, & Craig, 1994; Mueser et al., 1990; Drake et al., 1989). Dual diagnosis patients generally seek less outpatient care in general, though experience more frequent inpatient admissions and relapses (Mueser et al., 1992; Swofford et al., 2000). Treatment compliance tends to be worse, including missed appointments and non-adherence to medication regimes (Drake et al., 1989; Mueser et al., 1992; Dixon, 1999). A higher risk of suicide, violence, homelessness, medical comorbidity and mortality has also been observed (Drake et al., 1989; Dixon, 1999; Dixon et al., 1991; Brown, 1997). Yet, despite this lengthy list, some researchers observe that patients with dual diagnosis might actually have a better prognosis than SMI individuals without substance use (Dixon et al., 1991; Mueser et al., 1998).

The VHA has long been the most extensive and innovative system in providing care for dual diagnosis (Peterson, Swindle, Moos, Finney, & Suchinsky, 1992), and continues to expand as

needed to treat its veterans with comorbid conditions. Integrated care (including domiciliary and residential options, case management and ACT programs, vocational training and other psychosocial rehabilitation) has been demonstrated to be essential for effective treatment of this population (Drake, Mueser, Clark, & Wallach, 1996), and recent research has demonstrated that Clozapine might offer particular advantages in the treatment of dual diagnosis (Drake, Xie, McHugo, & Green, 2000; Buckley, 1998).

Finally, comorbid conditions are extremely expensive: Dixon cites Barbara Dickey's 1996 Medicaid study of individuals with schizophrenia, where dual diagnosis patients cost an average of \$23,169 per year versus only \$12,350 in patients with no substance abuse (Dixon, 1999).

For all these reasons, it is important that VHA recognize and identify individuals with dual diagnosis as a unique sub-group and investigate the prevalence of these disorders among their patients

Mortality

SMI patients are at significantly higher risk for premature death than the overall population. Mental disorders represent a major factor in overall mortality, with nearly 8% of all deaths listing mental illnesses as a 'contributory' cause and another 2% as the 'direct' cause (Dembling, 1997). A major epidemiological study of all SMI patients served by the Massachusetts Department of Mental Health determined that, compared to the general population, SMI patients lose an average of 8.8 years of life (Dembling, Chen, & Vachon, 1999). As a population, SMI patients experience 65% higher mortality than expected for their disease and age (Baxter, 1996).

A recent article by Harris summarizes data from a variety of sources and echoes results of many earlier studies (Harris & Barraclough, 1998). The measure most often cited in the literature is the standardized mortality ratio (SMR), comparing the observed deaths to the number of expected deaths. In general for SMI patients, the authors noted SMRs ranging from 1.7 to nearly 5.0.

The causes of this increased mortality risk have been attributed to the actual disease of schizophrenia (Rosh, Sampson, & Hirsch, 2003), deficits in the quality of medical care (Druss, Bradford, Rosenheck, Radford, & Krumholz, 2001), unhealthy lifestyles (Brown, Birtwistle, Roe, & Thompson, 1999) and, of course, high rates of suicide (Osby, Correia, Brandt, Ekbom, & Sparen, 2000). In addition, a number of studies have found that patients with psychosis have increased risk of diabetes, lung disease and cardiovascular disease. (Jeste, Gladsjo, Lindamer & Lacro, 1996; Simpson & Tsuang, 1996; Dixon, Weiden, Delahanty et al, 2000; Dixon, Postrado, Delahanty, et al, 1999)

Mortality data were collected from the BIRLS and PTF files. Both crude and age-and-gender-adjusted standardized mortality rates are presented. SMRs are reported at the national and VISN levels. SMRs were not calculated for individual stations. The calculation of SMRs beginning in FY01 uses the entire 1998 US population as the reference population. Note that prior reports, for FY99 and FY00, were standardized with reference to the 1997 U.S. population. Moreover, for these years the calculation of SMRs did not adjust for gender differences and were based on an artificial population distribution, presuming a constant frequency across age groups. These two misspecifications were corrected for FY01 onward. As a consequence, FY99 and FY00 SMRs from prior reports are not comparable to the SMRs reported after FY01.

VERA Patient Class

The Veterans Equitable Resource Allocation (VERA) system allocates funds to networks. Each VA patient is categorized by VERA based on their service connection, economic means and type of medical problem.

Patient eligibility categories are assigned as follows. Patients are categorized as Complex care and Basic care patients. Basic care patients are assigned to either Category A, Category C or Category N. Category A patients are further classified as Basic vested or Basic non-vested patients. The above categories are described as follows:

Complex care patients are designated based on a number of different criteria that can include specific diagnoses and/or a particular pattern of utilization in certain types of facilities.

A Category A patient is either service-connected or a non service-connected veteran who meets means test criteria. A Category C patient is a non service-connected veteran who does not fall under income limitation ceilings and receives discretionary care from the VA. Category N patients are non-veterans.

Basic vested includes care that does not qualify for complex but does include the completion of at least one thorough medical evaluation or inpatient stay during the past three years.

Basic Non-Vested includes those patients who do not qualify as complex and have had neither an inpatient stay nor a medical evaluation in the prior three-year period.

All Complex patients are funded, whereas among patients receiving Basic care only Category A patients are funded.

From FY03 and on, the case-mix adjustment methodology was expanded from a three price case-mix model to a ten price case-mix model. The VERA 10 Price Groups are presented in Appendix D.

Homelessness

Homelessness remains a serious and prevalent problem among veterans in general, with approximately 40% of all homeless individuals having served in the armed forces (Winkleby & Fleshin, 1993). Approximately 250,000 veterans are homeless at any given time, with perhaps twice that figure are homeless at some time during the course of a year. The presence of a SMI condition greatly increases the risk of being homeless. Numerous studies report that 25-30% of homeless individuals suffer from chronic schizophrenia, and up to 50% have some mental health condition (Dickey, 2000; Koegel, Burnam, & Farr, 1988; Rosenheck, Gallup, & Frisman, 1993). While the risk may be slightly higher for patients with schizophrenia, the difference across SMI diagnoses is not significant (Herman, Susser, Jandorf, Lavelle, & Bromet, 1998). Specifically examining a veteran population, Chinman found that 39% of homeless veterans had schizophrenia (Chinman, Rosenheck, & Lam, 2000). However, other evidence indicates that substance abuse or dual diagnosis might play an equal if not more significant role (Hartz, Banys, & Hall, 1994; North, Smith, Pollio, & Spitznagel, 1996; Rosenheck & Fontana, 1994).

Although previous research has documented the prevalence of SMI conditions among the homeless (veterans and non-veterans), few studies have reported on the opposite question: *rates of homelessness among veterans with psychosis*. Olfson notes that 7.6% of patients with

schizophrenia were homeless within 3 months of discharge (Olfson, Mechanic, Hansell, Boyer, & Walkup, 1999). In a longitudinal study, Kuno determined that 24% of community SMI patients were homeless for some time over a 4-year period (Kuno, Rothbard, Averyt, & Culhane, 2000). Finally, of veterans reporting to VAMC emergency departments, 29% stated they were either currently or recently homeless (Stovall, Flaherty, Bowden, & Schoeny, 1997). By providing prevalence numbers for an entire population of veterans with psychosis, this report adds to the research knowledge of this important area. We report the percent of patients with psychosis diagnoses in FY04 for whom homelessness was indicated at some point in the fiscal year.

Homelessness was identified using multiple sources from the PTF and OPC data, including:

- the variable "HOMELESS" in the OPC file
- a diagnosis of V60.0, defined as a "Lack of housing: Hobos, Transients, Social migrants, Vagabonds, Tramps" in Volume 1 of the ICD-9-CM codes
- outpatient clinic stop codes:
 - 501, "Homeless Mentally Ill, Outreach"
 - 515, "CWT/TR, Homeless Chronically Mentally Ill"
 - 528, "Phone -- Homeless Mentally Ill"
 - 529, "HCHV / Homeless Mentally Ill"
 - 590, "Community Outreach Homeless -- Staff"
- bedsection codes:
 - 28, "Homeless Chronically Mentally Ill, CWT/TR"
 - 37, "Domiciliary Care, Homeless (DHCV)"

Service Connection

Service connection is often used as an indication of illness severity as well as being a predictor of health care utilization in several VA research studies (Rosenheck & Massari, 1993). In 1999, the Veterans Millennium Health Care and Benefits Act was enacted, increasing the VHA budget for medical care by nearly \$1.3 billion. The Act includes a mandate that the VHA provide nursing home and non-institutional long-term care to veterans who are at least 70% service connected. It also authorized VHA to raise medication co-payments from \$2 to \$7 for all veterans with a service connection of less than 50%. Further, it provides, for the first time, non-institutional long-term care as part of the basic benefits package for VA enrollees.

Sen. Rockefeller (D-WV), Chairman of the Senate VA Committee, is currently investigating the VA's progress on implementing the provisions of Millennium Bill. The VA's new Undersecretary for Health, Dr. Roswell, has indicated that a final rule will be published in the Federal Register and that a plan has been submitted to Rep. Smith (R-NJ), Chairman of the House VA Committee, to fully implement the long term care program by 2004.

Therefore from FY03 and on, the report includes the *distribution of service connection percentages* across all SMI veterans, noting important cut-off points with regard to the Millennium Bill and other eligibility criteria.

Patient service connection was determined using the VA's PTF, OPC, and CNP Mini-master file.

Access

The VHA Mental Health Program Guidelines stipulate that “Veterans within and across VISNs should have equal access to all levels of care within the continuum” (Veterans Health Administration, 1999). Access to health care is a general concept that relates to specific dimensions of the fit between characteristics of potential clients and providers. Penchansky and Thomas (1981) summarize these dimensions in terms of geographic accessibility, affordability, availability, acceptability, and accommodation. As compared to other health care providers, the VHA has fewer affordability barriers (Penchansky & Thomas, 1981). This is particularly true among VA patients with psychoses, the majority of whom have priority status on the basis of service connection or means testing criteria. As part of a strategic transformation of service delivery, the VHA has worked to shift the locus of care from inpatient to outpatient centers. This commitment is reflected in the recent expansion of CBOCs. Assuring service accessibility is a major policy goal in the VHA, and it is a necessary condition for the success of a strategic shift from a tertiary to a local and primary care orientation.

The negative relationship between health care utilization and distance has long been assumed, yet it has been inconsistently demonstrated in the research literature, which has largely focused on inpatient utilization. Although few patients forego care completely due to distance and transportation problems, individuals in more remote locations are more likely to delay seeking out providers (Horner et al., 1994). An early meta-analysis identified the same relationship between distance and use with mental health services as with medical services, in both private and community health systems (Shannon, Bashshur, & Lovett, 1986; White, 1986). Patients living farthest from hospitals had significantly longer lengths of stay, greater costs and worse outcomes, plus a tremendous dislocation from social support. Willingness to travel may vary by mental health diagnosis. Marcus and colleagues (Marcus, Olfson, Fortney, & Ryan, 1997) report the mean travel distance for outpatient mental health care in Pittsburgh. Mean travel distance for schizophrenia patients was 3.6 miles, as compared to 8.5 miles for bipolar disorder patients, and 11.7 miles for other psychosis patients.

The VA has conducted numerous studies into the issue of veterans and questions of access due to distance. Zip code areas were used in studies of medical (Mooney, Zwanziger, Phibbs, & Schmitt, 2000) and mental health services (Fortney, Owen, & Clothier, 1999). Again, although not the only factor, distance was one of the primary reasons that veterans did not obtain needed care. Patients living farther away from primary mental health services were 4.8 times as likely to have acute psychiatric admissions. Follow up services was also adversely affected, as distance substantially limited after care treatment for alcohol programs (Fortney, Booth, Blow, & Bunn, 1995). Research has demonstrated that patients benefit from satellite clinics. Among active VA patients with psychoses in FY00, McCarthy found that distance is associated with lower volume and poorer continuity of care over a one-year period (McCarthy, 2002). Among users of VA care, utilization among patients living closer to VA facilities was more negatively affected than among more distant patients. In addition, patients with schizophrenia, though having more overall use, were found to be more susceptible to distance barriers than were patients with bipolar disorder or other psychoses.

For the purposes of this report, access was defined as the distance from a patient’s residence to their nearest VA Medical Center (excluding contract care facilities) and to their nearest Service Center (excluding domiciliary, nursing home and contract care providers). Distances are based on straight-line estimates of the geographic placement of every zip code to the zip code of the closest VA provider. These data were last updated in May 2000. Data from the VA Planning Systems

Support Group (PSSG) were used to ascertain the zip codes of the VA facilities and the patients' zip codes were retrieved from the PTF and OPC files.

In addition, we assessed the percentage of patients living in a Metropolitan Statistical Area (MSA). An area qualifies for recognition as an MSA in one of two ways: the presence of a city of at least 50,000 population or an urbanized area of at least 50,000 with a total metropolitan population of at least 100,000 (75,000 in New England).

Reported are the percent of patients at each location and in each diagnostic group that were in an MSA, and the average distances to those two kinds of sites.

No data are reported on those patients (approximately 5%) whose zip codes placed them in a VISN other than the one they were assigned to for the purposes of this report.

Key Findings

- 83.4% of patients with schizophrenia in FY04 also received a diagnosis of psychosis in FY03. This was true for only 35.3% of those with a diagnosis of Other Psychosis, an indication of the relative instability of the diagnoses included in this group.
- As a further indication of diagnostic stability, for patients with psychoses in both FY03 and FY04, 95.0% of patients with schizophrenia and 94.8% of patients with bipolar disorder had the same diagnosis in both years, while 88.6% of Other Psychoses had a stable diagnosis in both years.
- There remains wide variability across VISNs in missing GAF scores. Across VISNs, missing inpatient GAF scores varied from 27.8% to 80.2%; missing outpatient GAFs ranged from 9.5% to 44.9%.
- The standardized mortality ratio (SMR) was 1.58 for patients with schizophrenia and 1.03 for patients with bipolar disorder.
- 28.6% of patients were 70+% service connected, with 21.0% having a 100% service connection.
- Rates of comorbid substance abuse diagnoses have dropped since FY01, despite the rates being already unusually low for this population, raising concerns of substantial under diagnosis.
- About one third of patients with psychosis had a depression diagnosis in FY04, and 14.9% had a PTSD diagnosis.
- 46.2% of patients were also diagnosed with hypertension, and 21.0% received diabetes diagnoses.

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Table 2A: FY04 Patient w/ Psychosis, Patient Characteristics, by Diagnosis Grouping

	All	Schizophrenia	Bipolar	Other
Entire Population	234588	92326	78963	63299
<u>Registry Pts. History of VA Utilization</u>				
Years since first use in prior five years, mean	4.3	4.6	4.2	4.1
SD	1.2	1.0	1.3	1.4
Yrs with 24-hour institutional use / yrs since 1st use, %	24.7%	26.6%	24.2%	22.2%
SD	29.2%	30.6%	28.8%	27.0%
Years with OP use / Years since first use, %	96.8%	96.6%	96.8%	97.2%
SD	11.4%	12.8%	10.5%	9.9%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>				
Had Psychosis Diagnosis in FY03, %	64.8%	83.4%	66.8%	35.3%
<i>Among Patients With Psychoses in FY03</i>				
Psychosis Category: Schizophrenia, %	50.6%	95.0%	3.9%	8.1%
Psychosis Category: Bipolar Disorder, %	34.6%	2.5%	94.8%	3.3%
Psychosis Category: Other Psychosis, %	14.7%	2.5%	1.4%	88.6%
Total	100.0%	100.0%	100.0%	100.0%
<u>Psychiatric Comorbidities, %</u>				
Dementia	6.6%	2.1%	1.5%	19.6%
Post Traumatic Stress Disorder	14.9%	11.0%	21.3%	12.4%
Depression	32.4%	23.2%	40.4%	35.7%
Other Anxiety Disorder	11.5%	8.1%	15.8%	11.0%
Substance Abuse or Dependence	22.7%	22.4%	30.0%	14.0%

Table 2A: FY04 Patient w/ Psychosis, Patient Characteristics, by Diagnosis Grouping, continued

	All	Schizophrenia	Bipolar	Other
Entire Population	234588	92326	78963	63299
<u>Medical Comorbidities, %</u>				
No medical comorbidities	13.7%	17.4%	14.2%	7.5%
Anemia	8.9%	7.3%	5.9%	15.0%
Arthritis	37.8%	31.1%	44.6%	39.1%
Cancer	8.5%	6.1%	6.3%	14.9%
Cerebrovascular Disease	7.3%	3.8%	3.7%	17.0%
Chronic Neurologic Disorder	15.5%	12.5%	15.3%	20.1%
Chronic Obstructive Pulmonary Disease	16.9%	17.0%	16.2%	17.7%
Chronic Viral Infection	8.4%	9.2%	9.8%	5.3%
Coronary Artery Disease	21.0%	14.9%	17.1%	34.8%
Diabetes	21.0%	21.2%	17.9%	24.8%
Digestive System Disease	44.6%	45.4%	44.6%	43.6%
Hypertension	46.2%	42.7%	40.4%	58.3%
Injury and Poisoning	18.5%	15.9%	20.8%	19.3%
Liver Disease	3.7%	3.5%	3.9%	3.8%
Other Endocrine	9.3%	7.5%	10.6%	10.2%
Peripheral Vascular Disease	4.4%	2.9%	2.9%	8.3%
<u>GAF scores</u>				
Lowest inpatient GAF score, mean	37.62	36.04	39.75	36.83
<i>SD</i>	14.46	13.95	14.51	15.07
Mean outpatient GAF score	51.00	49.19	53.85	49.06
<i>SD</i>	10.82	10.36	10.43	11.43
At least 1 IP GAF, among pts with MH bedsections, %	37.5%	37.7%	38.2%	35.3%
At least 1 OP GAF, among pts with MH clinic stops, %	78.3%	78.9%	80.5%	71.6%

Table 2A: FY04 Patient w/ Psychosis, Patient Characteristics, by Diagnosis Grouping, continued

		All	Schizophrenia	Bipolar	Other
Entire Population		234588	92326	78963	63299
<u>Mortality rates</u>					
died in FY04, %		3.1%	2.6%	1.4%	6.0%
Age-and-gender-adjusted Standardized Mortality Ratio		1.19	1.58	1.03	1.07
<u>Service Connection (SC)</u>					
Non-SC		51.9%	40.5%	55.3%	64.3%
SC 0 - 29%		8.7%	6.7%	9.9%	10.0%
SC 30 - 69%		10.8%	8.5%	13.4%	10.8%
SC 70 - 99%		7.6%	6.9%	9.5%	6.4%
SC 100%		21.0%	37.4%	11.9%	8.4%
Total		100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>					
Complex*		16.7%	22.6%	11.7%	14.3%
Basic vested, Cat A*		76.5%	74.4%	80.4%	74.6%
Basic Non-vested, Cat A*		0.9%	1.1%	0.9%	0.7%
Basic, Cats C and N		5.9%	1.9%	7.0%	10.4%
Total		100.0%	100.0%	100.0%	100.0%
<u>Patient eligibility category, %</u>					
Cat A (SC or low income)		93.8%	97.9%	92.8%	89.0%
Cat C (NSC and higher income)		5.6%	1.6%	6.2%	10.5%
Non-Veteran		0.6%	0.5%	1.0%	0.5%
Total		100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>					
BASIC	1. Non-reliant Care	0.2%	0.2%	0.2%	0.2%
	2. Basic Medical	18.5%	14.5%	16.5%	26.8%
	3. Mental Health	33.3%	36.8%	37.6%	23.0%
	4. Heart / Lung / GI	8.6%	6.1%	7.2%	14.0%
	5. Oncology / Infectious Disease	3.3%	3.0%	3.6%	3.1%
	6. Multiple Medical	19.4%	16.6%	23.3%	18.6%
COMPLEX	7. Specialized Care	2.7%	1.8%	2.2%	4.8%
	8. Support Care	2.7%	2.3%	1.8%	4.3%
	9. Chronic Mental	8.8%	15.5%	6.5%	1.9%
	10. Critically Ill	2.5%	3.1%	1.2%	3.4%
Total		100.0%	100.0%	100.0%	100.0%
<u>Homelessness</u>					
Homelessness indicated in FY04, %		10.5%	11.7%	13.0%	5.7%
<u>Residence in Metropolitan Area</u>					
Residing in a Metropolitan Statistical Area, %		79.3%	81.1%	78.9%	77.3%
* Funded					

Table 2B: FY04 All Patients, Patient Characteristics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Registry Pts. History of VA Utilization</u>												
Years since first use in prior five years, mean	4.34	4.44	4.48	4.48	4.33	4.33	4.27	4.33	4.38	4.33	4.29	4.31
SD	1.21	1.14	1.08	1.10	1.22	1.21	1.26	1.22	1.17	1.23	1.25	1.23
Yrs with 24-hour institutional use / yrs since 1st use, %	24.7%	24.3%	23.7%	26.0%	23.4%	30.4%	26.7%	24.0%	20.0%	27.8%	27.0%	25.2%
SD	29.2%	30.0%	28.9%	31.1%	29.6%	31.7%	30.2%	28.3%	26.5%	29.9%	30.5%	30.1%
Years with OP use / Years since first use, %	96.8%	96.8%	97.4%	95.4%	96.0%	96.3%	96.5%	96.8%	97.6%	97.1%	97.0%	95.9%
SD	11.4%	11.9%	10.5%	15.1%	13.1%	11.9%	12.2%	11.0%	9.3%	11.1%	11.1%	13.8%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>												
Had Psychosis Diagnosis in FY04, %	64.8%	65.3%	66.4%	70.2%	66.4%	63.2%	64.5%	63.0%	62.6%	63.2%	67.2%	67.7%
<i>Among Patients With Psychoses in FY04</i>												
Psychosis Category: Schizophrenia, %	50.6%	50.7%	52.1%	62.4%	57.5%	54.6%	50.4%	56.4%	52.1%	46.1%	54.2%	57.0%
Psychosis Category: Bipolar Disorder, %	34.6%	39.0%	39.1%	25.9%	31.5%	30.3%	34.7%	28.4%	31.9%	34.9%	33.8%	33.7%
Psychosis Category: Other Psychosis, %	14.7%	10.3%	8.8%	11.6%	11.0%	15.2%	14.9%	15.3%	16.0%	19.0%	12.0%	9.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Psychiatric Comorbidities, %</u>												
Dementia	6.6%	6.2%	7.7%	6.6%	4.8%	7.1%	7.1%	7.7%	8.7%	7.5%	6.5%	5.1%
Post Traumatic Stress Disorder	14.9%	22.2%	17.6%	15.7%	11.5%	14.9%	14.9%	17.6%	10.5%	11.9%	12.9%	9.3%
Depression	32.4%	34.7%	35.9%	30.0%	27.8%	34.7%	29.8%	33.7%	31.2%	31.2%	31.3%	28.9%
Other Anxiety Disorder	11.5%	15.8%	16.0%	9.4%	9.6%	9.2%	10.9%	11.7%	11.0%	11.3%	10.7%	10.6%
Substance Abuse or Dependence	22.7%	25.9%	27.4%	23.4%	21.7%	27.5%	19.2%	22.2%	17.1%	17.1%	24.7%	22.8%

Table 2B: FY04 All Patients, Patient Characteristics, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Registry Pts. History of VA Utilization</u>											
Years since first use in prior ten years, mean	4.34	4.32	4.37	4.32	4.29	4.34	4.33	4.33	4.30	4.23	4.41
SD	1.21	1.22	1.19	1.22	1.25	1.21	1.22	1.24	1.24	1.29	1.15
Yrs with 24-hour institutional use / yrs since 1st use, %	24.7%	28.6%	26.6%	23.9%	28.0%	24.1%	24.3%	25.3%	21.7%	21.3%	26.6%
SD	29.2%	31.9%	29.4%	28.4%	30.9%	28.5%	28.1%	28.2%	27.3%	26.6%	29.1%
Years with OP use / Years since first use, %	96.8%	96.4%	97.6%	97.3%	96.5%	97.4%	97.2%	97.1%	96.8%	96.5%	97.0%
SD	11.4%	12.9%	9.3%	10.0%	11.6%	9.4%	10.1%	9.9%	11.2%	11.2%	11.8%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>											
Had Psychosis Diagnosis in FY04, %	64.8%	63.5%	67.8%	63.2%	65.0%	60.9%	64.0%	65.6%	63.9%	64.4%	67.1%
<i>Among Patients With Psychoses in FY04</i>											
Psychosis Category: Schizophrenia, %	50.6%	47.5%	46.5%	51.6%	45.0%	39.8%	40.3%	41.9%	50.5%	48.3%	47.8%
Psychosis Category: Bipolar Disorder, %	34.6%	38.7%	37.9%	28.3%	36.8%	43.9%	44.8%	43.1%	33.6%	34.0%	39.9%
Psychosis Category: Other Psychosis, %	14.7%	13.8%	15.7%	20.1%	18.2%	16.3%	14.9%	15.1%	15.9%	17.7%	12.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Psychiatric Comorbidities, %</u>											
Dementia	6.6%	6.7%	5.2%	7.6%	6.6%	8.3%	4.3%	3.9%	5.4%	6.3%	5.3%
Post Traumatic Stress Disorder	14.9%	13.1%	15.0%	13.9%	16.5%	20.0%	19.1%	21.8%	15.9%	14.0%	11.6%
Depression	32.4%	32.7%	33.3%	33.4%	35.0%	37.1%	36.0%	34.3%	30.1%	31.3%	32.6%
Other Anxiety Disorder	11.5%	11.3%	14.3%	10.3%	11.2%	14.5%	13.4%	12.1%	9.3%	9.9%	12.7%
Substance Abuse or Dependence	22.7%	27.0%	22.1%	20.6%	22.4%	22.2%	23.3%	27.2%	24.7%	23.3%	27.6%

Table 2B: FY04 All Patients, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Medical Comorbidities, %</u>												
No medical comorbidities	13.7%	15.3%	13.1%	15.9%	15.6%	13.1%	12.7%	10.9%	10.7%	11.9%	13.2%	16.3%
Anemia	8.9%	9.3%	7.1%	11.3%	7.9%	10.6%	8.9%	10.5%	9.9%	10.6%	9.9%	7.3%
Arthritis	37.8%	34.1%	39.4%	30.4%	33.2%	36.0%	38.6%	41.7%	39.7%	39.5%	37.8%	36.0%
Cancer	8.5%	8.8%	7.9%	8.5%	8.2%	9.0%	7.7%	8.3%	9.6%	9.1%	8.5%	6.6%
Cerebrovascular Disease	7.3%	6.0%	7.1%	5.8%	7.1%	8.4%	8.0%	8.0%	8.6%	9.8%	7.9%	5.8%
Chronic Neurologic Disorder	15.5%	13.8%	14.8%	13.6%	14.0%	15.1%	16.1%	17.3%	14.9%	17.5%	16.7%	14.6%
Chronic Obstructive Pulmonary Disease	16.9%	17.9%	18.8%	14.7%	16.6%	14.8%	16.4%	17.4%	16.4%	19.0%	18.4%	18.6%
Chronic Viral Infection	8.4%	8.2%	6.8%	10.6%	8.5%	11.5%	7.4%	7.7%	7.8%	6.4%	7.9%	7.1%
Coronary Artery Disease	21.0%	21.8%	21.3%	18.7%	24.6%	24.3%	18.5%	19.3%	22.6%	24.3%	25.4%	19.7%
Diabetes	21.0%	19.4%	21.0%	20.3%	21.7%	22.5%	22.6%	23.5%	23.8%	23.3%	21.4%	19.7%
Digestive System Disease	44.6%	44.0%	47.5%	44.1%	40.9%	45.1%	45.0%	47.4%	47.1%	48.1%	45.4%	41.2%
Hypertension	46.2%	41.1%	43.1%	41.6%	44.5%	49.2%	49.7%	53.4%	48.9%	51.5%	49.2%	45.9%
Injury and Poisoning	18.5%	18.9%	17.0%	17.5%	14.4%	20.8%	18.2%	16.5%	17.8%	20.5%	19.4%	16.3%
Liver Disease	3.7%	3.7%	4.0%	3.6%	2.8%	3.9%	3.0%	4.2%	4.2%	3.6%	4.4%	2.9%
Other Endocrine	9.3%	7.5%	9.3%	7.3%	9.5%	7.9%	8.7%	8.9%	10.2%	9.6%	9.8%	8.9%
Peripheral Vascular Disease	4.4%	5.1%	5.8%	4.1%	5.2%	4.5%	3.7%	4.4%	4.8%	5.3%	5.0%	4.6%
<u>GAF scores</u>												
Lowest inpatient GAF score, mean	37.62	33.18	39.07	39.30	41.21	34.79	37.38	37.33	34.86	30.67	40.15	59.85
SD	14.46	10.55	11.08	10.76	10.21	12.72	12.03	12.08	12.46	14.81	12.91	25.22
Mean outpatient GAF score	51.00	48.64	50.33	52.08	51.93	50.40	51.46	51.46	52.70	51.74	50.26	55.41
SD	10.82	10.78	9.73	9.36	10.50	10.55	11.42	9.14	10.42	11.95	10.47	11.16
At least 1 IP GAF, among pts with MH bedsections, %	37.5%	53.5%	72.2%	31.5%	29.2%	48.3%	26.6%	30.1%	30.4%	42.8%	36.9%	26.9%
At least 1 OP GAF, among pts with MH clinic stops, %	78.3%	86.2%	90.5%	86.3%	71.1%	70.5%	84.9%	88.3%	65.8%	81.9%	79.5%	68.8%
<u>Mortality rates</u>												
died in FY04, %	3.1%	3.0%	2.6%	2.7%	3.2%	3.4%	3.3%	3.3%	3.2%	4.4%	3.0%	2.7%
Age-and-gender-adjusted Standardized Mortality Ratio	1.19	1.12	0.95	0.99	1.12	1.31	1.31	1.34	1.05	1.58	1.22	1.26

Table 2B: FY04 All Patients, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Medical Comorbidities, %</u>											
No medical comorbidities	13.7%	14.7%	12.9%	12.4%	13.3%	11.2%	12.9%	14.6%	16.0%	18.4%	14.0%
Anemia	8.9%	7.7%	8.1%	9.3%	8.3%	8.4%	6.6%	7.5%	10.6%	7.6%	7.7%
Arthritis	37.8%	35.6%	39.9%	38.8%	40.6%	42.6%	43.1%	38.1%	36.3%	35.0%	37.5%
Cancer	8.5%	9.0%	8.4%	8.8%	8.3%	9.4%	8.6%	7.6%	8.2%	8.4%	8.9%
Cerebrovascular Disease	7.3%	7.9%	7.7%	8.2%	8.1%	6.6%	5.5%	5.3%	6.6%	6.4%	7.0%
Chronic Neurologic Disorder	15.5%	16.6%	16.8%	16.3%	14.4%	17.3%	16.7%	15.1%	13.8%	13.4%	17.9%
Chronic Obstructive Pulmonary Disease	16.9%	16.5%	19.8%	16.4%	16.2%	17.2%	17.1%	16.1%	16.3%	14.4%	18.1%
Chronic Viral Infection	8.4%	7.7%	8.0%	7.7%	10.3%	8.2%	8.2%	9.9%	10.8%	10.1%	5.6%
Coronary Artery Disease	21.0%	20.9%	20.8%	20.7%	18.5%	27.3%	20.4%	18.2%	17.5%	16.1%	21.4%
Diabetes	21.0%	20.2%	21.9%	21.8%	23.5%	19.0%	17.4%	17.6%	19.7%	17.8%	19.1%
Digestive System Disease	44.6%	43.4%	44.4%	43.6%	43.5%	46.2%	49.8%	45.4%	41.3%	40.0%	47.7%
Hypertension	46.2%	46.1%	47.4%	51.4%	46.8%	44.9%	40.7%	38.9%	43.0%	40.4%	41.7%
Injury and Poisoning	18.5%	18.2%	19.6%	17.0%	18.1%	24.3%	25.1%	20.5%	18.4%	18.3%	18.7%
Liver Disease	3.7%	3.6%	3.6%	3.2%	4.1%	4.5%	4.1%	3.5%	4.3%	3.2%	4.1%
Other Endocrine	9.3%	9.6%	9.1%	8.6%	10.3%	11.8%	10.4%	10.9%	8.9%	8.6%	9.2%
Peripheral Vascular Disease	4.4%	5.2%	4.5%	4.2%	3.6%	4.3%	3.3%	3.2%	3.9%	3.0%	4.8%
<u>GAF scores</u>											
Lowest inpatient GAF score, mean	37.62	38.56	44.12	38.16	41.24	38.99	36.38	29.45	34.13	33.78	39.33
<i>SD</i>	14.46	11.95	12.60	13.63	11.51	11.67	11.29	19.64	14.62	12.67	13.78
Mean outpatient GAF score	51.00	50.39	52.68	50.98	49.72	50.92	47.57	48.20	50.44	48.50	53.21
<i>SD</i>	10.82	11.46	10.85	10.91	10.14	11.16	9.92	10.76	10.16	12.09	10.93
At least 1 IP GAF, among pts with MH bedsections, %	37.5%	50.6%	19.8%	34.9%	48.8%	30.3%	41.4%	47.0%	35.2%	34.6%	49.7%
At least 1 OP GAF, among pts with MH clinic stops, %	78.3%	76.4%	81.9%	86.4%	78.0%	77.8%	84.1%	55.1%	85.6%	73.3%	83.0%
<u>Mortality rates</u>											
died in FY 03, %	3.1%	2.4%	3.6%	3.3%	3.5%	3.6%	3.1%	2.2%	2.8%	2.2%	3.2%
Age-and-gender-adjusted Standardized Mortality Ratio	1.19	0.87	1.43	1.23	1.43	1.34	1.32	1.03	1.16	0.95	1.26

Table 2B: FY04 All Patients, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Service Connection (SC)</u>												
Non-SC	51.9%	47.7%	54.3%	49.8%	54.6%	54.4%	46.0%	49.3%	47.5%	52.3%	58.0%	56.0%
SC 0 - 29%	8.7%	7.9%	8.3%	8.7%	8.2%	8.3%	8.6%	9.3%	8.7%	8.4%	9.1%	8.3%
SC 30 - 69%	10.8%	10.6%	10.4%	10.6%	10.5%	9.9%	12.6%	12.2%	10.9%	11.1%	10.8%	10.9%
SC 70 - 99%	7.6%	9.9%	8.3%	6.2%	6.9%	6.5%	8.9%	8.2%	8.2%	6.1%	4.9%	5.9%
SC 100%	21.0%	23.8%	18.8%	24.7%	19.9%	20.8%	23.9%	21.0%	24.7%	22.2%	17.1%	18.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>												
Complex*	16.7%	20.3%	21.7%	23.3%	16.9%	24.1%	14.7%	15.8%	10.4%	14.5%	23.1%	16.9%
Basic vested, Cat A*	76.5%	71.7%	71.5%	68.8%	74.8%	70.1%	79.7%	78.7%	82.8%	78.8%	70.6%	75.1%
Basic Non-vested, Cat A*	0.9%	1.0%	0.6%	1.0%	1.2%	0.8%	1.0%	0.6%	0.5%	1.0%	0.6%	1.9%
Basic, Cats C and N	5.9%	7.0%	6.1%	6.9%	7.0%	5.0%	4.5%	4.9%	6.3%	5.7%	5.6%	6.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded												
<u>Patient eligibility category, %</u>												
Cat A (SC or low income)	93.8%	92.5%	93.6%	92.5%	92.7%	94.5%	95.2%	94.8%	93.5%	93.9%	94.0%	93.6%
Cat C (NSC and higher income)	5.6%	6.8%	5.6%	6.9%	6.7%	5.0%	4.6%	4.9%	5.9%	5.2%	5.5%	6.0%
Non-Veteran	0.6%	0.7%	0.8%	0.6%	0.6%	0.5%	0.2%	0.2%	0.5%	0.9%	0.5%	0.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>												
BASIC	1. Non-reliant Care	0.2%	0.3%	0.1%	0.1%	0.3%	0.4%	0.2%	0.2%	0.2%	0.1%	0.2%
	2. Basic Medical	18.5%	15.2%	15.7%	16.7%	18.5%	16.5%	20.6%	20.5%	22.4%	21.8%	17.4%
	3. Mental Health	33.3%	32.7%	33.5%	30.2%	35.0%	27.3%	33.2%	32.5%	32.1%	30.7%	37.8%
	4. Heart / Lung / GI	8.6%	7.4%	7.5%	7.1%	9.4%	7.2%	10.3%	9.6%	10.2%	11.2%	8.2%
	5. Oncology / Infectious Disease	3.3%	3.2%	2.3%	3.8%	3.1%	3.4%	3.1%	3.2%	3.1%	2.8%	2.7%
	6. Multiple Medical	19.4%	21.0%	19.1%	18.8%	16.9%	21.2%	17.8%	18.3%	21.6%	18.9%	16.8%
COMPLEX	7. Specialized Care	2.7%	3.3%	3.7%	3.4%	1.9%	3.2%	2.5%	3.2%	2.7%	2.5%	2.1%
	8. Support Care	2.7%	2.6%	2.9%	2.4%	2.1%	3.8%	1.6%	2.4%	2.4%	3.9%	1.7%
	9. Chronic Mental	8.8%	11.7%	12.2%	13.5%	9.1%	13.6%	8.0%	8.0%	3.5%	6.1%	12.6%
	10. Critically Ill	2.5%	2.8%	2.9%	4.0%	3.7%	3.5%	2.7%	2.2%	1.8%	1.9%	4.8%
Total		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2B: FY04 All Patients, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Service Connection (SC)</u>											
Non-SC	51.9%	59.8%	57.8%	51.5%	47.4%	50.0%	49.8%	49.4%	50.2%	56.6%	53.6%
SC 0 - 29%	8.7%	7.9%	8.8%	8.9%	10.2%	8.9%	9.0%	8.8%	8.0%	8.9%	8.7%
SC 30 - 69%	10.8%	9.2%	9.7%	10.7%	12.2%	10.7%	11.7%	10.8%	10.5%	9.8%	10.3%
SC 70 - 99%	7.6%	6.3%	6.5%	7.9%	9.2%	9.5%	7.2%	10.0%	8.4%	6.9%	7.7%
SC 100%	21.0%	16.8%	17.2%	21.1%	20.9%	20.9%	22.3%	21.1%	22.9%	17.9%	19.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>											
Complex*	16.7%	22.3%	14.8%	13.6%	18.4%	12.9%	16.6%	15.2%	15.4%	14.9%	20.6%
Basic vested, Cat A*	76.5%	68.0%	77.5%	80.7%	76.6%	80.6%	76.0%	80.6%	78.8%	77.6%	70.5%
Basic Non-vested, Cat A*	0.9%	0.8%	0.9%	0.9%	0.5%	0.6%	1.0%	0.4%	1.1%	1.9%	0.9%
Basic, Cats C and N	5.9%	8.9%	6.8%	4.8%	4.5%	5.9%	6.4%	3.8%	4.8%	5.6%	8.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded											
<u>Patient eligibility category, %</u>											
Cat A (SC or low income)	93.8%	90.7%	92.9%	95.0%	95.2%	93.8%	93.3%	96.1%	94.9%	94.2%	91.6%
Cat C (NSC and higher income)	5.6%	8.1%	6.3%	4.4%	3.6%	5.4%	6.1%	3.7%	4.2%	4.8%	8.0%
Non-Veteran	0.6%	1.2%	0.8%	0.6%	1.2%	0.8%	0.5%	0.2%	0.9%	1.0%	0.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>											
BASIC	1. Non-reliant Care	0.2%	0.1%	0.2%	0.1%	0.2%	0.2%	0.2%	0.5%	0.2%	0.2%
	2. Basic Medical	18.5%	16.7%	19.5%	20.4%	19.7%	19.3%	17.7%	15.8%	17.6%	18.2%
	3. Mental Health	33.3%	30.8%	32.4%	34.5%	31.0%	33.3%	33.7%	35.6%	36.8%	32.5%
	4. Heart / Lung / GI	8.6%	8.3%	9.5%	9.5%	7.4%	9.5%	8.7%	7.1%	7.3%	8.2%
	5. Oncology / Infectious Disease	3.3%	2.6%	3.1%	3.6%	3.9%	3.5%	2.9%	4.1%	4.5%	2.2%
	6. Multiple Medical	19.4%	19.2%	20.5%	18.3%	19.5%	21.3%	20.3%	22.0%	19.7%	18.1%
COMPLEX	7. Specialized Care	2.7%	2.7%	2.0%	2.5%	2.3%	3.5%	3.0%	2.2%	2.8%	3.4%
	8. Support Care	2.7%	3.8%	2.3%	2.2%	4.5%	2.7%	2.1%	3.0%	2.4%	2.8%
	9. Chronic Mental	8.8%	12.8%	8.5%	7.5%	8.5%	4.7%	9.9%	8.9%	7.3%	10.7%
	10. Critically Ill	2.5%	3.0%	2.0%	1.4%	3.0%	2.0%	1.6%	1.1%	2.9%	3.7%
Total		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2B: FY04 All Patients, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Homelessness</u>												
Homelessness indicated in FY04, %	10.5%	11.1%	8.9%	16.4%	9.1%	15.6%	7.8%	8.2%	5.7%	5.9%	11.4%	10.0%
<u>Residence in Metropolitan Area</u>												
Residing in a Metropolitan Statistical Area, %	79.3%	81.9%	77.4%	98.3%	85.8%	90.7%	69.7%	73.2%	88.8%	64.5%	80.4%	75.8%
<u>Distance</u>												
Mile from Closest VA Medical Center, mean	36.75	20.73	23.61	98.18	18.19	14.03	29.31	33.73	36.10	35.23	24.83	31.28
SD	160.37	22.98	24.24	696.22	16.79	17.87	24.77	28.46	31.57	31.11	58.34	29.64
Distance from closest VA Medical Center, %												
0 to 15 miles	47.6%	50.1%	45.8%	78.5%	53.7%	73.0%	36.8%	38.3%	36.4%	40.6%	43.6%	42.3%
15 to 30 miles	16.5%	26.4%	23.2%	13.4%	23.5%	15.0%	21.0%	14.0%	20.1%	12.3%	17.6%	14.6%
30 to 45 miles	10.6%	15.3%	16.5%	4.9%	14.6%	3.9%	17.6%	13.2%	8.7%	13.1%	23.1%	14.9%
45 to 60 miles	8.4%	4.7%	7.1%	1.5%	5.2%	4.2%	13.9%	14.5%	8.1%	9.3%	11.1%	13.3%
60 plus miles	16.9%	3.5%	7.4%	1.7%	2.9%	3.9%	10.7%	20.0%	26.7%	24.8%	4.5%	14.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	10.88	7.76	7.75	3.87	7.88	7.10	16.45	15.01	8.52	14.88	8.55	12.48
SD	13.07	7.94	7.25	3.99	6.80	6.84	13.72	13.91	7.74	13.36	7.98	11.59
Distance to closest VA Service Site, %												
0 to 15 miles	76.6%	86.5%	84.0%	97.5%	86.4%	86.4%	55.6%	61.5%	84.7%	61.3%	82.3%	68.7%
15 to 30 miles	15.1%	11.3%	14.7%	2.4%	12.1%	12.7%	28.5%	22.5%	13.4%	23.0%	14.9%	20.9%
30 to 45 miles	5.9%	1.8%	1.2%	0.0%	1.5%	0.9%	11.5%	12.3%	1.2%	13.0%	2.8%	8.9%
45 plus miles	2.4%	0.4%	0.0%	0.0%	0.0%	0.0%	4.4%	3.8%	0.7%	2.7%	0.0%	1.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2B: FY04 All Patients, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Homelessness</u>											
Homelessness indicated in FY04, %	10.5%	10.2%	11.1%	8.0%	12.4%	9.6%	9.3%	14.5%	12.2%	20.8%	8.6%
<u>Residence in Metropolitan Area</u>											
Residing in a Metropolitan Statistical Area, %	79.3%	81.6%	63.8%	71.5%	82.0%	76.6%	71.9%	74.5%	88.3%	99.4%	56.8%
<u>Distance</u>											
Mile from Closest VA Medical Center, mean	36.75	23.45	28.53	43.00	41.09	47.49	48.47	83.92	31.89	18.83	43.33
SD	160.37	30.43	31.55	36.38	48.51	64.44	56.68	274.78	46.67	25.79	46.83
Distance from closest VA Medical Center, %											
0 to 15 miles	47.6%	55.8%	52.2%	35.1%	39.5%	52.5%	47.3%	49.8%	52.8%	64.0%	40.0%
15 to 30 miles	16.5%	17.8%	13.0%	10.2%	16.6%	12.0%	4.9%	12.2%	16.1%	22.6%	13.2%
30 to 45 miles	10.6%	8.2%	7.1%	10.4%	11.5%	3.4%	6.9%	7.2%	11.7%	4.1%	6.4%
45 to 60 miles	8.4%	8.0%	10.4%	11.0%	7.5%	3.9%	7.1%	9.7%	6.2%	3.4%	11.6%
60 plus miles	16.9%	10.3%	17.3%	33.4%	24.8%	28.2%	33.8%	21.2%	13.2%	5.9%	28.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	10.88	7.92	11.74	16.93	10.77	9.93	12.12	14.00	8.79	5.97	17.15
SD	13.07	10.88	12.64	15.27	10.95	12.32	17.46	27.18	10.63	6.74	18.46
Distance to closest VA Service Site, %											
0 to 15 miles	76.6%	86.0%	70.5%	57.1%	74.8%	83.8%	78.2%	73.8%	85.1%	94.3%	59.5%
15 to 30 miles	15.1%	10.2%	19.3%	21.6%	17.7%	8.7%	10.0%	15.0%	11.2%	4.1%	18.1%
30 to 45 miles	5.9%	3.1%	8.1%	14.8%	6.2%	4.1%	5.2%	4.9%	2.5%	1.2%	13.7%
45 plus miles	2.4%	0.7%	2.1%	6.5%	1.3%	3.3%	6.6%	6.3%	1.2%	0.4%	8.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2C: FY04 Patients w/ Schizophrenia, Patient Characteristics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Registry Pts. History of VA Utilization</u>												
Years since first use in prior five years, mean	4.6	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.7	4.7	4.6	4.6
SD	1.0	0.8	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	1.0
Yrs with 24-hour institutional use / yrs since 1st use, %	26.6%	26.3%	24.9%	28.4%	26.5%	32.9%	30.1%	26.5%	20.2%	29.2%	30.7%	27.5%
SD	30.6%	31.6%	29.9%	32.7%	31.3%	32.9%	32.3%	29.8%	26.6%	31.4%	31.9%	31.8%
Years with OP use / Years since first use, %	96.6%	96.2%	97.2%	94.6%	95.8%	96.1%	95.6%	96.6%	98.0%	96.4%	97.1%	95.3%
SD	12.8%	14.3%	12.1%	17.5%	14.6%	13.1%	14.4%	12.0%	8.8%	13.6%	11.7%	16.1%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>												
Had Psychosis Diagnosis in FY04, %	83.4%	84.3%	86.2%	83.9%	85.2%	82.5%	83.0%	81.7%	82.3%	84.4%	85.4%	84.8%
<i>Among Patients With Psychoses in FY04</i>												
Psychosis Category: Schizophrenia, %	95.0%	94.3%	95.4%	96.1%	96.5%	95.3%	95.4%	95.5%	95.3%	94.6%	95.2%	95.9%
Psychosis Category: Bipolar Disorder, %	2.5%	3.6%	3.3%	2.1%	2.2%	2.5%	2.1%	2.0%	2.1%	2.5%	2.6%	2.4%
Psychosis Category: Other Psychosis, %	2.5%	2.1%	1.3%	1.9%	1.3%	2.2%	2.4%	2.5%	2.6%	2.9%	2.2%	1.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Psychiatric Comorbidities, %</u>												
Dementia	2.1%	2.1%	2.6%	2.0%	1.8%	2.5%	1.9%	2.3%	3.0%	2.9%	2.3%	1.8%
Post Traumatic Stress Disorder	11.0%	17.3%	13.9%	13.6%	9.0%	11.9%	9.9%	15.1%	8.1%	8.0%	9.9%	6.7%
Depression	23.2%	25.6%	27.0%	22.7%	18.0%	26.9%	20.1%	26.2%	24.9%	20.6%	21.7%	18.4%
Other Anxiety Disorder	8.1%	13.1%	12.2%	7.2%	6.5%	6.9%	7.3%	8.1%	8.3%	7.1%	7.6%	6.6%
Substance Abuse or Dependence	22.4%	24.0%	28.8%	21.9%	21.1%	27.0%	19.7%	24.6%	15.5%	17.1%	26.0%	20.3%

Table 2C: FY04 Patients w/ Schizophrenia, Patient Characteristics, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Registry Pts. History of VA Utilization</u>											
Years since first use in prior ten years, mean	4.6	4.6	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.7
SD	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
Yrs with 24-hour institutional use / yrs since 1st use, %	26.6%	30.1%	28.1%	26.5%	30.7%	26.0%	26.6%	26.2%	21.9%	23.5%	27.4%
SD	30.6%	33.4%	30.5%	30.0%	32.8%	30.0%	30.1%	28.9%	27.9%	28.2%	30.2%
Years with OP use / Years since first use, %	96.6%	95.4%	97.6%	97.4%	96.4%	97.2%	97.0%	97.6%	97.2%	96.5%	96.4%
SD	12.8%	15.7%	10.0%	10.3%	13.1%	10.2%	11.0%	9.5%	11.1%	11.5%	14.5%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>											
Had Psychosis Diagnosis in FY04, %	83.4%	81.8%	86.1%	83.1%	81.5%	80.4%	84.2%	83.5%	82.7%	80.0%	87.2%
<i>Among Patients With Psychoses in FY04</i>											
Psychosis Category: Schizophrenia, %	95.0%	93.8%	95.7%	95.1%	94.2%	93.3%	95.2%	93.7%	93.4%	93.6%	95.8%
Psychosis Category: Bipolar Disorder, %	2.5%	3.8%	2.4%	1.9%	2.9%	3.2%	2.7%	3.3%	2.7%	3.1%	2.2%
Psychosis Category: Other Psychosis, %	2.5%	2.5%	2.0%	3.0%	2.9%	3.5%	2.1%	3.0%	4.0%	3.3%	2.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Psychiatric Comorbidities, %</u>											
Dementia	2.1%	1.1%	1.9%	2.7%	1.8%	2.0%	1.4%	1.3%	1.3%	1.4%	1.5%
Post Traumatic Stress Disorder	11.0%	10.4%	10.2%	10.2%	12.3%	13.4%	12.8%	14.1%	10.1%	11.1%	6.7%
Depression	23.2%	25.3%	22.4%	24.5%	26.9%	27.2%	23.8%	23.6%	19.1%	21.7%	23.6%
Other Anxiety Disorder	8.1%	8.1%	10.1%	7.1%	7.4%	11.8%	8.6%	9.1%	5.5%	6.8%	9.1%
Substance Abuse or Dependence	22.4%	27.2%	21.5%	22.0%	22.9%	24.7%	22.8%	25.8%	22.7%	24.2%	24.9%

Table 2C: FY04 Patients w/ Schizophrenia, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Medical Comorbidities, %</u>												
No medical comorbidities	17.4%	19.0%	15.9%	19.4%	20.0%	16.0%	17.2%	13.8%	13.5%	17.6%	15.9%	20.6%
Anemia	7.3%	8.3%	6.9%	9.9%	6.5%	8.4%	7.6%	8.4%	7.5%	7.7%	8.9%	6.1%
Arthritis	31.1%	26.9%	32.3%	24.9%	27.2%	29.9%	30.6%	37.0%	36.0%	31.3%	31.4%	28.4%
Cancer	6.1%	6.9%	7.1%	6.5%	6.5%	6.4%	4.9%	5.7%	6.6%	5.7%	6.6%	5.1%
Cerebrovascular Disease	3.8%	3.2%	4.3%	3.3%	4.0%	4.1%	4.0%	3.9%	4.6%	4.6%	4.5%	2.9%
Chronic Neurologic Disorder	12.5%	11.7%	12.6%	11.1%	11.7%	13.2%	11.9%	14.1%	11.5%	12.8%	13.0%	10.7%
Chronic Obstructive Pulmonary Disease	17.0%	18.9%	20.0%	14.6%	17.9%	14.8%	15.4%	16.4%	15.6%	19.3%	19.7%	19.5%
Chronic Viral Infection	9.2%	8.3%	6.8%	11.4%	10.4%	12.6%	8.6%	9.0%	9.4%	7.2%	9.6%	7.4%
Coronary Artery Disease	14.9%	16.2%	15.5%	14.4%	18.9%	20.9%	11.9%	12.4%	15.7%	15.9%	20.2%	14.5%
Diabetes	21.2%	19.5%	19.8%	19.8%	21.9%	23.4%	22.5%	24.3%	25.2%	22.4%	21.6%	18.7%
Digestive System Disease	45.4%	45.3%	48.8%	45.1%	41.6%	46.2%	45.5%	48.1%	51.3%	46.5%	47.6%	40.7%
Hypertension	42.7%	38.1%	39.3%	38.1%	40.5%	46.4%	47.4%	51.3%	45.9%	46.3%	45.7%	41.8%
Injury and Poisoning	15.9%	16.1%	15.3%	15.5%	13.0%	19.1%	15.3%	14.2%	16.0%	16.6%	17.8%	13.7%
Liver Disease	3.5%	3.2%	4.3%	3.5%	2.7%	3.9%	2.6%	4.1%	4.3%	3.1%	4.8%	2.2%
Other Endocrine	7.5%	7.0%	8.2%	6.4%	8.3%	6.7%	6.6%	7.0%	8.2%	7.2%	8.3%	7.5%
Peripheral Vascular Disease	2.9%	3.8%	4.3%	3.1%	4.0%	3.2%	2.1%	2.7%	3.1%	3.4%	3.0%	3.2%
<u>GAF scores</u>												
Lowest inpatient GAF score, mean	36.04	30.73	36.33	36.86	38.58	33.20	35.81	36.72	32.34	31.13	37.93	55.06
<i>SD</i>	13.95	9.53	10.28	10.55	9.34	13.25	11.70	12.47	11.19	15.55	10.76	25.34
Mean outpatient GAF score	49.19	46.13	47.30	50.54	50.09	48.96	48.79	50.14	51.00	50.05	48.02	54.34
<i>SD</i>	10.36	10.56	9.12	8.87	9.83	10.21	11.31	8.53	9.92	11.28	9.87	11.24
At least 1 IP GAF, among pts with MH bedsections, %	37.7%	58.0%	74.2%	34.5%	31.4%	47.4%	29.7%	32.2%	28.0%	43.3%	35.3%	28.2%
At least 1 OP GAF, among pts with MH clinic stops, %	78.9%	87.6%	92.7%	88.1%	74.9%	74.5%	86.8%	89.4%	55.8%	82.4%	80.0%	69.0%
<u>Mortality rates</u>												
died in FY04, %	2.6%	3.1%	2.4%	2.9%	2.7%	3.5%	2.7%	2.3%	2.4%	2.6%	2.8%	2.5%
Age-and-gender-adjusted Standardized Mortality Ratio	1.58	1.63	1.18	1.42	1.46	2.06	1.83	1.62	1.32	1.56	1.88	1.63

Table 2C: FY04 Patients w/ Schizophrenia, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Medical Comorbidities, %</u>											
No medical comorbidities	17.4%	20.9%	16.9%	16.1%	16.1%	14.7%	17.1%	18.9%	19.6%	21.8%	17.8%
Anemia	7.3%	5.4%	7.0%	7.9%	7.2%	6.1%	4.6%	6.0%	8.0%	6.5%	5.9%
Arthritis	31.1%	27.7%	32.8%	32.2%	36.0%	34.6%	33.3%	29.6%	29.0%	30.1%	29.0%
Cancer	6.1%	6.3%	5.8%	5.9%	6.3%	6.3%	6.2%	5.2%	5.5%	5.9%	6.6%
Cerebrovascular Disease	3.8%	3.6%	4.3%	4.0%	4.2%	2.5%	2.4%	3.1%	3.6%	3.3%	3.2%
Chronic Neurologic Disorder	12.5%	12.7%	14.3%	13.1%	12.8%	16.5%	12.3%	12.7%	9.8%	11.1%	16.2%
Chronic Obstructive Pulmonary Disease	17.0%	15.9%	20.4%	15.9%	16.0%	16.3%	18.1%	16.3%	16.7%	15.5%	17.4%
Chronic Viral Infection	9.2%	8.4%	8.0%	8.5%	11.8%	9.7%	8.1%	9.9%	10.9%	10.8%	5.5%
Coronary Artery Disease	14.9%	12.5%	14.4%	13.2%	13.4%	20.0%	13.5%	13.5%	12.2%	10.9%	15.2%
Diabetes	21.2%	19.0%	21.5%	22.4%	24.9%	18.6%	18.1%	17.2%	21.0%	17.5%	18.1%
Digestive System Disease	45.4%	42.1%	43.4%	44.4%	44.5%	48.5%	50.0%	45.9%	40.2%	40.2%	48.8%
Hypertension	42.7%	39.7%	44.1%	48.4%	45.5%	40.8%	36.0%	35.1%	39.5%	37.3%	36.6%
Injury and Poisoning	15.9%	15.3%	17.8%	14.2%	16.7%	21.4%	20.2%	18.9%	14.8%	15.9%	15.2%
Liver Disease	3.5%	3.3%	3.2%	2.8%	3.8%	4.8%	3.7%	2.7%	4.1%	2.9%	3.2%
Other Endocrine	7.5%	7.2%	6.9%	6.6%	8.2%	9.8%	8.6%	8.5%	7.3%	7.2%	6.9%
Peripheral Vascular Disease	2.9%	2.9%	3.2%	2.7%	2.9%	2.5%	1.6%	2.0%	2.4%	1.8%	3.1%
<u>GAF scores</u>											
Lowest inpatient GAF score, mean	36.04	38.16	41.67	37.33	39.89	38.44	34.38	26.64	31.03	31.84	36.90
<i>SD</i>	<i>13.95</i>	<i>11.83</i>	<i>11.46</i>	<i>13.24</i>	<i>11.36</i>	<i>12.27</i>	<i>10.73</i>	<i>19.34</i>	<i>13.99</i>	<i>11.84</i>	<i>13.17</i>
Mean outpatient GAF score	49.19	48.16	51.11	50.18	47.63	48.74	44.96	45.30	48.02	46.23	51.48
<i>SD</i>	<i>10.36</i>	<i>10.92</i>	<i>10.35</i>	<i>10.93</i>	<i>9.14</i>	<i>9.94</i>	<i>9.09</i>	<i>9.89</i>	<i>9.25</i>	<i>10.91</i>	<i>10.99</i>
At least 1 IP GAF, among pts with MH bedsections, %	37.7%	46.1%	16.9%	35.3%	52.4%	30.8%	44.1%	44.3%	35.1%	37.4%	48.5%
At least 1 OP GAF, among pts with MH clinic stops, %	78.9%	79.7%	83.5%	86.9%	77.5%	78.8%	87.7%	57.3%	86.8%	77.2%	87.1%
<u>Mortality rates</u>											
died in FY 03, %	2.6%	2.5%	2.9%	2.5%	2.7%	2.3%	2.2%	2.0%	2.5%	2.1%	2.4%
Age-adjusted Standardized Mortality Ratio	1.58	1.65	1.97	1.68	1.71	1.60	1.66	1.41	1.65	1.43	1.51

Table 2C: FY04 Patients w/ Schizophrenia, Patient Characteristics, by VISN (continued)

		all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia		92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Service Connection (SC)</u>													
	Non-SC	40.5%	37.8%	44.2%	38.7%	42.5%	43.6%	33.8%	38.3%	28.8%	39.3%	48.6%	46.0%
	SC 0 - 29%	6.7%	6.1%	6.0%	6.4%	6.8%	6.7%	6.5%	7.4%	6.0%	5.9%	7.4%	6.5%
	SC 30 - 69%	8.5%	7.2%	7.9%	9.0%	8.6%	7.4%	9.8%	11.3%	9.1%	9.2%	8.6%	9.4%
	SC 70 - 99%	6.9%	7.8%	8.2%	6.4%	7.3%	5.3%	7.6%	7.8%	8.9%	4.5%	4.8%	6.1%
	SC 100%	37.4%	41.1%	33.7%	39.4%	34.9%	37.0%	42.2%	35.1%	47.3%	41.2%	30.6%	32.0%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>													
	Complex*	22.6%	28.9%	28.3%	31.2%	24.2%	30.1%	20.9%	20.3%	11.3%	18.0%	33.5%	23.2%
	Basic vested, Cat A*	74.4%	67.6%	69.0%	64.9%	72.5%	67.4%	76.5%	77.6%	87.0%	79.0%	64.0%	72.5%
	Basic Non-vested, Cat A*	1.1%	1.1%	0.7%	1.2%	1.4%	0.8%	1.6%	0.6%	0.7%	1.2%	0.6%	2.4%
	Basic, Cats C and N	1.9%	2.4%	2.0%	2.7%	1.8%	1.6%	1.0%	1.5%	0.9%	1.8%	1.9%	1.9%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	* Funded												
<u>Patient eligibility category, %</u>													
	Cat A (SC or low income)	97.9%	97.3%	97.8%	96.7%	98.1%	98.1%	98.8%	98.4%	99.0%	98.0%	97.9%	97.8%
	Cat C (NSC and higher income)	1.6%	2.2%	1.9%	2.7%	1.5%	1.5%	1.1%	1.4%	0.7%	1.5%	1.7%	1.9%
	Non-Veteran	0.5%	0.5%	0.3%	0.5%	0.4%	0.4%	0.1%	0.2%	0.3%	0.6%	0.5%	0.3%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>													
BASIC	1. Non-reliant Care	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.2%	0.2%	0.3%	0.1%	0.1%	0.2%
	2. Basic Medical	14.5%	11.2%	12.6%	13.4%	12.8%	12.1%	16.4%	16.4%	19.5%	17.3%	9.6%	14.7%
	3. Mental Health	36.8%	34.1%	34.5%	30.7%	38.2%	30.6%	37.2%	36.2%	36.1%	38.5%	35.5%	39.8%
	4. Heart / Lung / GI	6.1%	5.1%	6.0%	4.8%	6.3%	5.1%	8.0%	7.2%	7.6%	8.0%	4.8%	5.7%
	5. Oncology / Infectious Disease	3.0%	2.7%	2.0%	3.4%	3.1%	3.3%	3.1%	3.2%	3.2%	2.6%	1.8%	2.7%
	6. Multiple Medical	16.6%	17.8%	16.5%	16.4%	15.1%	18.5%	14.1%	16.6%	21.9%	15.6%	14.6%	13.6%
COMPLEX	7. Specialized Care	1.8%	2.2%	2.3%	2.4%	1.6%	2.0%	2.0%	2.2%	1.9%	1.2%	1.8%	1.1%
	8. Support Care	2.3%	2.5%	1.8%	2.3%	1.6%	2.5%	1.2%	1.6%	1.7%	2.4%	2.6%	1.6%
	9. Chronic Mental	15.5%	20.5%	20.8%	20.9%	16.4%	21.9%	14.3%	14.3%	6.0%	12.2%	22.3%	16.7%
	10. Critically Ill	3.1%	3.6%	3.4%	5.6%	4.6%	3.8%	3.4%	2.2%	1.8%	2.2%	6.8%	3.8%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2C: FY04 Patients w/ Schizophrenia, Patient Characteristics, by VISN (continued)

		all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia		92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Service Connection (SC)</u>												
	Non-SC	40.5%	48.5%	49.1%	39.5%	36.9%	38.6%	39.4%	41.6%	39.5%	46.9%	44.6%
	SC 0 - 29%	6.7%	6.4%	6.4%	7.5%	8.5%	6.2%	6.7%	6.9%	6.2%	7.2%	7.0%
	SC 30 - 69%	8.5%	8.4%	7.1%	8.6%	9.3%	8.0%	7.4%	6.0%	7.4%	8.1%	7.1%
	SC 70 - 99%	6.9%	6.3%	5.9%	6.6%	7.7%	7.7%	4.9%	7.3%	6.9%	6.5%	5.8%
	SC 100%	37.4%	30.5%	31.4%	37.8%	37.6%	39.4%	41.7%	38.1%	40.0%	31.3%	35.5%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>												
	Complex*	22.6%	29.4%	20.0%	19.2%	24.5%	15.9%	26.0%	22.1%	18.7%	21.1%	26.6%
	Basic vested, Cat A*	74.4%	66.3%	76.0%	78.2%	73.1%	80.5%	70.3%	76.1%	78.5%	74.8%	70.3%
	Basic Non-vested, Cat A*	1.1%	1.3%	1.5%	0.9%	0.5%	0.8%	1.6%	0.6%	1.1%	1.6%	1.2%
	Basic, Cats C and N	1.9%	3.0%	2.5%	1.6%	1.9%	2.8%	2.1%	1.2%	1.7%	2.5%	1.9%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded												
<u>Patient eligibility category, %</u>												
	Cat A (SC or low income)	97.9%	96.7%	97.3%	98.2%	97.9%	97.1%	97.6%	98.7%	98.3%	97.3%	97.8%
	Cat C (NSC and higher income)	1.6%	2.5%	2.3%	1.3%	1.2%	1.3%	1.9%	1.1%	1.2%	1.6%	2.0%
	Non-Veteran	0.5%	0.8%	0.4%	0.5%	0.9%	1.6%	0.5%	0.2%	0.6%	1.0%	0.2%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>												
BASIC	1. Non-reliant Care	0.2%	0.2%	0.1%	0.2%	0.1%	0.2%	0.1%	0.1%	0.6%	0.2%	0.2%
	2. Basic Medical	14.5%	11.5%	15.3%	16.5%	16.7%	15.7%	13.9%	11.6%	12.6%	12.9%	14.2%
	3. Mental Health	36.8%	36.2%	37.4%	38.3%	32.0%	38.9%	37.2%	40.2%	42.5%	40.2%	36.7%
	4. Heart / Lung / GI	6.1%	5.0%	7.4%	6.8%	5.1%	7.7%	5.2%	5.1%	5.4%	4.4%	6.0%
	5. Oncology / Infectious Disease	3.0%	2.8%	2.9%	3.3%	4.1%	2.8%	2.2%	3.8%	3.8%	3.6%	2.1%
	6. Multiple Medical	16.6%	14.8%	16.8%	15.8%	17.4%	18.7%	15.4%	17.0%	16.4%	17.7%	14.2%
COMPLEX	7. Specialized Care	1.8%	1.7%	1.5%	1.7%	1.4%	2.2%	1.2%	1.8%	0.9%	1.7%	2.5%
	8. Support Care	2.3%	4.1%	2.1%	1.9%	3.8%	2.1%	1.9%	3.3%	2.3%	3.4%	2.3%
	9. Chronic Mental	15.5%	19.3%	14.4%	14.0%	16.0%	10.0%	21.1%	16.0%	12.9%	14.3%	17.4%
	10. Critically Ill	3.1%	4.3%	2.1%	1.6%	3.4%	1.6%	1.8%	1.0%	2.7%	1.8%	4.4%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2C: FY04 Patients w/ Schizophrenia, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Homelessness</u>												
Homelessness indicated in FY04, %	11.7%	11.2%	9.0%	18.2%	10.4%	17.4%	10.5%	10.4%	5.0%	7.0%	12.4%	10.3%
<u>Residence in Metropolitan Area</u>												
Residing in a Metropolitan Statistical Area, %	81.1%	84.2%	79.7%	98.2%	88.0%	91.7%	71.1%	73.7%	88.1%	66.6%	77.8%	76.0%
<u>Distance</u>												
Mile from closest VA Medical Center, mean	34.22	18.76	21.30	94.48	16.31	12.49	27.88	31.58	33.70	35.38	23.12	27.79
SD	171.76	21.34	23.05	682.21	16.14	16.99	24.30	28.28	30.86	32.13	19.81	28.59
Distance from closest VA Medical Center, %												
0 to 15 miles	51.9%	53.6%	50.3%	77.8%	58.9%	76.9%	40.2%	42.6%	41.2%	41.6%	46.9%	49.1%
15 to 30 miles	15.5%	26.0%	22.6%	14.0%	21.5%	12.9%	18.8%	12.5%	18.5%	11.9%	15.9%	13.9%
30 to 45 miles	9.8%	14.4%	14.6%	5.2%	12.9%	3.0%	16.8%	13.9%	7.1%	11.7%	22.5%	12.0%
45 to 60 miles	7.7%	3.4%	6.5%	1.2%	4.4%	3.6%	14.4%	12.9%	8.0%	8.8%	11.0%	12.1%
60 plus miles	15.1%	2.6%	6.0%	1.7%	2.3%	3.5%	9.7%	18.1%	25.2%	26.0%	3.8%	12.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from closest VA Service Site, mean	9.98	6.82	7.33	3.90	7.30	6.38	15.79	14.15	8.71	14.64	8.16	11.28
SD	12.08	7.36	7.13	4.14	6.49	6.36	13.65	13.75	7.73	13.66	8.25	11.11
Distance to closest VA Service Site, %												
0 to 15 miles	79.0%	89.0%	85.2%	97.0%	88.6%	88.8%	58.1%	65.0%	83.2%	62.5%	81.7%	73.3%
15 to 30 miles	13.7%	9.5%	13.7%	3.0%	10.1%	10.5%	26.8%	19.4%	15.0%	22.0%	15.1%	18.1%
30 to 45 miles	5.2%	1.3%	1.1%	0.0%	1.3%	0.7%	11.0%	12.1%	1.1%	12.8%	3.2%	7.5%
45 plus miles	2.0%	0.2%	0.0%	0.0%	0.0%	0.0%	4.1%	3.5%	0.7%	2.7%	0.0%	1.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2C: FY04 Patients w/ Schizophrenia, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Homelessness</u>											
Homelessness indicated in FY04, %	11.7%	10.9%	12.5%	9.5%	13.7%	11.7%	10.7%	16.2%	13.2%	22.2%	8.8%
<u>Residence in Metropolitan Area</u>											
Residing in a Metropolitan Statistical Area, %	81.1%	81.9%	67.4%	74.8%	83.5%	78.7%	74.1%	78.3%	90.4%	99.4%	59.0%
<u>Distance</u>											
Mile from Closest VA Medical Center, mean	34.22	21.32	25.30	41.40	38.27	51.31	46.34	66.88	29.61	16.85	39.82
SD	171.76	26.30	29.61	36.65	49.08	69.92	54.06	236.61	44.24	21.26	45.03
Distance from closest VA Medical Center, %											
0 to 15 miles	51.9%	60.5%	57.5%	38.9%	45.9%	53.2%	50.4%	56.0%	56.3%	68.4%	43.0%
15 to 30 miles	15.5%	16.4%	11.7%	8.8%	15.0%	10.3%	3.5%	9.4%	16.5%	21.2%	14.4%
30 to 45 miles	9.8%	7.1%	5.7%	9.5%	10.2%	3.0%	6.8%	7.0%	10.4%	3.0%	5.0%
45 to 60 miles	7.7%	6.6%	10.8%	10.2%	6.1%	3.4%	6.6%	9.2%	5.0%	2.5%	11.6%
60 plus miles	15.1%	9.3%	14.3%	32.5%	22.9%	30.1%	32.6%	18.4%	11.8%	4.8%	26.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	9.98	7.20	10.30	15.99	9.61	9.11	10.41	12.11	7.86	5.33	15.31
SD	12.08	8.80	11.79	15.14	10.50	11.83	16.33	24.16	8.99	6.08	17.33
Distance to closest VA Service Site, %											
0 to 15 miles	79.0%	87.6%	74.4%	60.5%	78.4%	86.1%	82.6%	78.6%	88.1%	96.1%	63.1%
15 to 30 miles	13.7%	8.5%	17.7%	19.8%	15.4%	7.4%	7.5%	12.5%	9.0%	2.8%	18.2%
30 to 45 miles	5.2%	3.2%	6.2%	13.5%	5.0%	3.7%	4.8%	3.9%	2.0%	0.8%	11.4%
45 plus miles	2.0%	0.7%	1.7%	6.2%	1.2%	2.8%	5.1%	5.0%	0.8%	0.3%	7.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2D: FY04 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Registry Pts. History of VA Utilization</u>												
Years since first use in prior five years, mean	4.22	4.31	4.41	4.32	4.22	4.22	4.17	4.18	4.25	4.22	4.14	4.09
SD	1.28	1.24	1.12	1.21	1.29	1.28	1.31	1.30	1.24	1.29	1.33	1.34
Yrs with 24-hour institutional use / yrs since 1st use, %	24.2%	24.6%	24.8%	24.5%	22.9%	29.7%	25.1%	21.6%	20.9%	26.5%	25.1%	23.3%
SD	28.8%	29.9%	29.7%	29.8%	28.8%	31.2%	29.4%	26.9%	27.0%	29.2%	29.2%	28.7%
Years with OP use / Years since first use, %	96.8%	97.1%	97.1%	96.2%	96.2%	96.4%	96.8%	96.7%	97.4%	97.1%	96.7%	96.5%
SD	10.5%	10.2%	10.0%	11.8%	11.5%	11.0%	11.0%	10.6%	9.6%	9.6%	10.8%	11.0%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>												
Had Psychosis Diagnosis in FY03, %	66.8%	65.2%	69.3%	67.7%	66.2%	63.4%	67.6%	64.6%	66.6%	66.6%	67.2%	66.6%
<i>Among Patients With Psychoses in FY03</i>												
Psychosis Category: Schizophrenia, %	3.9%	5.1%	4.3%	7.1%	4.2%	5.7%	3.0%	4.6%	3.3%	3.2%	3.9%	3.6%
Psychosis Category: Bipolar Disorder, %	94.8%	93.6%	94.7%	91.8%	95.1%	92.0%	95.3%	93.1%	95.3%	95.1%	95.2%	95.4%
Psychosis Category: Other Psychosis, %	1.4%	1.3%	1.0%	1.1%	0.7%	2.3%	1.7%	2.3%	1.4%	1.7%	0.9%	1.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Psychiatric Comorbidities, %</u>												
Dementia	1.5%	1.7%	1.5%	1.2%	1.1%	1.4%	1.5%	2.3%	1.6%	1.9%	1.2%	1.5%
Post Traumatic Stress Disorder	21.3%	31.3%	26.1%	21.9%	17.1%	22.7%	22.1%	22.9%	15.6%	16.6%	19.0%	13.3%
Depression	40.4%	43.4%	46.4%	41.8%	39.0%	47.3%	36.8%	40.5%	38.2%	39.3%	40.6%	38.3%
Other Anxiety Disorder	15.8%	19.4%	22.0%	12.9%	13.7%	14.0%	15.1%	17.4%	15.6%	15.2%	14.6%	15.5%
Substance Abuse or Dependence	30.0%	35.0%	37.2%	32.2%	30.3%	35.8%	23.8%	25.5%	26.6%	23.5%	31.0%	30.0%

Table 2D: FY04 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Registry Pts. History of VA Utilization</u>											
Years since first use in prior ten years, mean	4.22	4.24	4.24	4.20	4.13	4.27	4.20	4.26	4.18	4.18	4.30
SD	1.28	1.26	1.26	1.29	1.34	1.24	1.30	1.28	1.30	1.33	1.23
Yrs with 24-hour institutional use / yrs since 1st use, %	24.2%	29.9%	26.9%	23.9%	27.3%	22.7%	22.8%	25.4%	20.7%	19.6%	26.7%
SD	28.8%	32.2%	29.9%	28.1%	30.3%	28.0%	27.2%	28.4%	26.4%	25.5%	29.1%
Years with OP use / Years since first use, %	96.8%	96.5%	97.6%	97.0%	96.6%	97.3%	97.0%	97.0%	96.6%	96.1%	97.3%
SD	10.5%	12.0%	8.8%	10.1%	10.6%	9.4%	10.1%	9.8%	11.0%	11.5%	9.8%
Had Psychosis Diagnosis in FY03, %	66.8%	69.5%	70.3%	67.5%	65.3%	67.5%	65.4%	69.3%	64.9%	62.1%	71.0%
<i>Among Patients With Psychoses in FY03</i>											
Psychosis Category: Schizophrenia, %	3.9%	4.0%	3.3%	3.2%	4.3%	3.6%	2.1%	3.3%	3.6%	4.2%	2.9%
Psychosis Category: Bipolar Disorder, %	94.8%	94.3%	95.6%	95.1%	94.6%	95.0%	97.0%	95.1%	94.7%	94.1%	95.9%
Psychosis Category: Other Psychosis, %	1.4%	1.7%	1.1%	1.7%	1.1%	1.5%	0.8%	1.6%	1.8%	1.7%	1.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Psychiatric Comorbidities, %</u>											
Dementia	1.5%	1.6%	1.2%	1.7%	1.3%	1.7%	0.9%	1.1%	1.4%	1.2%	1.1%
Post Traumatic Stress Disorder	21.3%	19.5%	22.8%	17.5%	22.6%	28.3%	26.1%	30.1%	22.7%	18.2%	17.6%
Depression	40.4%	40.9%	41.8%	39.2%	41.5%	44.4%	42.3%	40.0%	37.6%	38.4%	38.9%
Other Anxiety Disorder	15.8%	16.2%	19.2%	13.8%	15.6%	18.3%	17.6%	14.6%	12.7%	13.8%	16.6%
Substance Abuse or Dependence	30.0%	36.6%	29.3%	27.3%	28.0%	26.9%	28.5%	33.8%	30.2%	28.6%	37.5%

Table 2D: FY04 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Medical Comorbidities, %</u>												
No medical comorbidities	14.2%	15.1%	13.9%	15.1%	15.1%	14.5%	12.7%	11.7%	11.1%	12.2%	14.5%	15.6%
Anemia	5.9%	6.7%	3.9%	8.1%	5.2%	7.0%	5.9%	6.7%	7.2%	6.5%	6.8%	5.1%
Arthritis	44.6%	40.8%	46.9%	38.0%	40.9%	44.2%	46.0%	47.3%	46.6%	46.9%	45.9%	43.5%
Cancer	6.3%	6.8%	4.9%	6.3%	6.3%	5.8%	5.6%	6.7%	7.6%	6.1%	6.6%	4.5%
Cerebrovascular Disease	3.7%	3.5%	3.0%	4.1%	4.4%	3.3%	4.0%	4.2%	4.4%	4.5%	4.1%	3.5%
Chronic Neurologic Disorder	15.3%	13.7%	13.2%	13.7%	13.7%	14.3%	17.0%	17.3%	15.0%	17.0%	17.7%	15.7%
Chronic Obstructive Pulmonary Disease	16.2%	16.7%	16.4%	15.5%	15.5%	14.0%	16.0%	16.4%	16.9%	16.1%	16.6%	17.2%
Chronic Viral Infection	9.8%	10.2%	9.2%	12.4%	9.4%	13.0%	8.5%	7.3%	9.2%	7.7%	8.5%	7.8%
Coronary Artery Disease	17.1%	19.1%	16.2%	17.3%	19.7%	18.1%	14.8%	16.6%	18.9%	18.4%	19.8%	18.0%
Diabetes	17.9%	16.9%	18.4%	18.7%	19.2%	17.6%	19.9%	19.5%	19.6%	20.2%	18.4%	17.5%
Digestive System Disease	44.6%	44.3%	47.8%	43.8%	41.7%	47.2%	46.0%	46.1%	45.8%	48.3%	45.1%	40.7%
Hypertension	40.4%	37.4%	37.2%	37.3%	41.2%	40.7%	43.4%	45.5%	42.4%	45.2%	43.2%	43.6%
Injury and Poisoning	20.8%	21.4%	18.5%	21.1%	17.1%	24.4%	20.7%	18.0%	20.8%	22.2%	21.5%	17.6%
Liver Disease	3.9%	4.2%	4.1%	3.7%	2.9%	4.2%	3.4%	3.7%	4.7%	4.0%	4.6%	3.0%
Other Endocrine	10.6%	8.1%	10.3%	8.5%	10.8%	8.5%	10.6%	11.3%	11.2%	11.2%	11.1%	10.2%
Peripheral Vascular Disease	2.9%	3.5%	3.4%	3.9%	3.3%	2.9%	2.4%	3.3%	3.1%	3.0%	3.4%	3.8%
<u>GAF scores</u>												
Lowest inpatient GAF score, mean	39.75	35.42	42.21	42.90	45.67	37.61	40.16	38.48	37.66	31.97	43.01	63.87
SD	14.51	10.50	10.83	10.37	10.16	12.07	12.02	11.71	12.53	14.67	12.98	24.29
Mean outpatient GAF score	53.85	51.13	53.79	55.34	54.86	53.30	54.90	54.34	55.38	55.40	53.81	57.28
SD	10.43	9.96	9.19	8.84	9.84	10.39	10.44	8.85	9.93	11.12	9.80	10.68
At least 1 IP GAF, among pts with MH bedsections, %	38.2%	51.2%	70.9%	29.1%	26.5%	48.2%	22.0%	28.4%	32.5%	41.2%	40.6%	25.8%
At least 1 OP GAF, among pts with MH clinic stops, %	80.5%	88.1%	90.7%	87.3%	70.4%	68.3%	86.6%	90.1%	82.0%	84.0%	80.5%	71.6%
<u>Mortality rates</u>												
died in FY04, %	1.4%	1.6%	1.1%	1.3%	1.4%	1.1%	1.4%	1.5%	1.4%	1.9%	1.4%	1.5%
Age-and-gender-adjusted Standardized Mortality Ratio	1.03	1.01	0.83	0.73	0.98	0.86	1.10	1.21	0.86	1.54	1.10	1.13

Table 2D: FY04 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Medical Comorbidities, %</u>											
No medical comorbidities	14.2%	14.5%	12.5%	13.2%	15.2%	12.5%	13.4%	14.5%	16.4%	20.4%	14.0%
Anemia	5.9%	5.1%	4.6%	5.8%	5.0%	4.8%	4.4%	5.1%	8.4%	5.3%	4.6%
Arthritis	44.6%	42.7%	47.3%	45.4%	45.1%	47.9%	49.3%	43.8%	43.9%	40.0%	44.5%
Cancer	6.3%	6.7%	6.3%	6.1%	6.0%	6.6%	6.4%	5.6%	6.4%	6.9%	6.4%
Cerebrovascular Disease	3.7%	4.3%	3.8%	3.7%	3.7%	3.2%	3.1%	2.8%	3.4%	3.3%	3.4%
Chronic Neurologic Disorder	15.3%	16.8%	15.9%	16.1%	12.7%	15.6%	17.1%	15.0%	14.5%	12.5%	17.1%
Chronic Obstructive Pulmonary Disease	16.2%	17.1%	18.5%	16.0%	15.9%	16.0%	15.2%	15.1%	16.3%	14.2%	17.5%
Chronic Viral Infection	9.8%	9.2%	10.6%	9.3%	11.8%	9.7%	10.0%	11.7%	12.2%	11.5%	6.9%
Coronary Artery Disease	17.1%	17.5%	16.4%	16.7%	13.0%	23.4%	16.3%	13.4%	14.7%	13.0%	17.9%
Diabetes	17.9%	18.1%	18.7%	18.2%	19.5%	15.6%	14.7%	15.5%	17.0%	14.5%	16.8%
Digestive System Disease	44.6%	44.8%	45.8%	43.2%	43.5%	44.1%	49.3%	44.7%	41.3%	40.2%	47.5%
Hypertension	40.4%	40.9%	42.2%	43.2%	39.3%	39.0%	37.2%	35.9%	39.2%	34.4%	38.1%
Injury and Poisoning	20.8%	21.2%	21.5%	20.2%	18.6%	25.0%	26.9%	21.6%	20.7%	20.2%	20.8%
Liver Disease	3.9%	3.7%	3.9%	3.7%	4.1%	3.7%	4.0%	3.7%	4.7%	3.7%	4.4%
Other Endocrine	10.6%	11.0%	10.3%	10.8%	11.9%	12.5%	10.9%	12.0%	10.0%	9.1%	10.6%
Peripheral Vascular Disease	2.9%	3.7%	2.8%	2.8%	1.8%	2.7%	2.3%	1.8%	3.0%	2.1%	3.1%
<u>GAF scores</u>											
Lowest inpatient GAF score, mean	39.75	38.71	46.73	39.24	43.03	40.78	39.14	32.09	35.93	36.94	41.53
SD	14.51	11.39	13.11	14.10	11.16	9.98	10.96	20.12	15.23	13.34	13.70
Mean outpatient GAF score	53.85	53.12	55.19	53.63	52.58	53.07	50.28	51.54	53.88	52.02	55.59
SD	10.43	11.39	10.47	10.69	9.76	11.14	9.67	10.61	9.84	12.50	10.29
At least 1 IP GAF, among pts with MH bedsections, %	38.2%	56.7%	23.3%	37.0%	46.6%	31.1%	38.9%	48.6%	33.6%		52.8%
At least 1 OP GAF, among pts with MH clinic stops, %	80.5%	79.2%	83.2%	87.6%	80.1%	80.4%	85.2%	56.0%	88.3%	71.4%	84.1%
<u>Mortality rates</u>											
died in FY 03, %	1.4%	1.1%	1.7%	1.5%	1.7%	1.4%	1.5%	0.7%	1.1%	1.1%	1.6%
Age-adjusted Standardized Mortality Ratio	1.03	0.75	1.35	1.19	1.46	1.10	1.25	0.65	0.79	0.89	1.07

Table 2D: FY04 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN (continued)

		all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder		78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Service Connection (SC)</u>													
	Non-SC	55.3%	52.1%	57.5%	57.8%	59.0%	55.1%	47.3%	52.1%	55.0%	53.6%	61.0%	61.3%
	SC 0 - 29%	9.9%	8.1%	10.1%	10.4%	9.7%	9.8%	10.2%	10.8%	10.2%	10.2%	10.4%	10.1%
	SC 30 - 69%	13.4%	13.1%	12.4%	13.7%	13.5%	13.2%	16.2%	15.0%	13.8%	14.2%	14.4%	13.5%
	SC 70 - 99%	9.5%	12.8%	10.2%	6.9%	7.7%	9.2%	12.0%	10.6%	9.5%	8.1%	5.6%	6.5%
	SC 100%	11.9%	13.8%	9.8%	11.3%	10.2%	12.6%	14.3%	11.5%	11.5%	13.8%	8.6%	8.6%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>													
	Complex*	11.7%	14.4%	15.8%	14.7%	10.3%	19.4%	8.4%	9.2%	8.0%	8.6%	13.7%	9.7%
	Basic vested, Cat A*	80.4%	76.1%	76.8%	74.8%	80.7%	73.7%	85.1%	83.1%	83.3%	83.5%	79.3%	80.9%
	Basic Non-vested, Cat A*	0.9%	1.0%	0.5%	0.9%	1.1%	0.7%	0.9%	0.4%	0.4%	1.0%	0.8%	1.6%
	Basic, Cats C and N	7.0%	8.5%	6.9%	9.6%	8.0%	6.2%	5.6%	7.2%	8.3%	6.9%	6.2%	7.8%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	* Funded												
<u>Patient eligibility category, %</u>													
	Cat A (SC or low income)	92.8%	91.3%	93.1%	90.1%	91.9%	93.6%	94.3%	92.6%	91.6%	93.0%	93.6%	92.1%
	Cat C (NSC and higher income)	6.2%	7.8%	5.3%	9.1%	7.1%	5.6%	5.3%	7.0%	7.5%	5.7%	5.8%	7.2%
	Non-Veteran	1.0%	0.9%	1.6%	0.9%	1.0%	0.8%	0.4%	0.4%	0.9%	1.3%	0.6%	0.7%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>													
BASIC	1. Non-reliant Care	0.2%	0.3%	0.2%	0.1%	0.2%	0.8%	0.4%	0.2%	0.1%	0.2%	0.2%	0.1%
	2. Basic Medical	16.5%	13.4%	13.3%	15.7%	17.7%	14.4%	19.6%	19.6%	19.2%	20.5%	13.0%	16.1%
	3. Mental Health	37.6%	34.8%	40.3%	35.5%	38.1%	31.4%	37.5%	38.2%	37.0%	35.3%	40.5%	42.7%
	4. Heart / Lung / GI	7.2%	6.9%	5.6%	6.0%	8.7%	5.0%	8.8%	8.0%	8.0%	9.5%	6.1%	8.3%
	5. Oncology / Infectious Disease	3.6%	4.1%	2.8%	4.6%	3.7%	3.5%	3.0%	3.0%	3.3%	3.0%	2.9%	2.8%
	6. Multiple Medical	23.3%	26.1%	21.9%	23.4%	21.4%	25.6%	22.2%	21.8%	24.5%	23.0%	23.5%	20.3%
COMPLEX	7. Specialized Care	2.2%	3.5%	2.6%	2.9%	1.9%	2.8%	1.4%	2.1%	2.0%	1.4%	1.8%	1.5%
	8. Support Care	1.8%	1.6%	3.0%	2.0%	2.2%	3.7%	1.0%	1.4%	1.8%	1.8%	2.1%	1.0%
	9. Chronic Mental	6.5%	8.0%	9.3%	8.3%	4.8%	11.7%	4.9%	4.8%	3.2%	4.6%	8.2%	5.7%
	10. Critically Ill	1.2%	1.3%	0.9%	1.6%	1.4%	1.3%	1.1%	1.0%	1.0%	0.8%	1.7%	1.5%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2D: FY04 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN (continued)

		all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder		78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Service Connection (SC)</u>												
	Non-SC	55.3%	61.4%	59.3%	55.4%	51.2%	51.9%	49.8%	50.1%	55.2%	60.4%	54.6%
	SC 0 - 29%	9.9%	8.9%	10.3%	10.0%	11.2%	10.3%	10.2%	9.8%	8.4%	9.9%	9.6%
	SC 30 - 69%	13.4%	11.0%	12.0%	13.2%	14.5%	11.5%	15.1%	13.9%	12.5%	11.5%	13.2%
	SC 70 - 99%	9.5%	7.8%	8.2%	9.4%	11.0%	11.9%	9.2%	12.7%	11.1%	8.0%	10.0%
	SC 100%	11.9%	10.9%	10.2%	12.0%	12.2%	14.4%	15.7%	13.4%	12.7%	10.2%	12.6%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>												
	Complex*	11.7%	20.4%	12.8%	9.6%	12.7%	8.7%	10.0%	11.4%	10.1%	9.6%	16.7%
	Basic vested, Cat A*	80.4%	69.8%	79.0%	83.9%	80.4%	84.8%	82.4%	84.4%	82.5%	80.8%	74.3%
	Basic Non-vested, Cat A*	0.9%	0.6%	0.5%	0.7%	0.6%	0.4%	0.9%	0.2%	1.1%	3.3%	0.8%
	Basic, Cats C and N	7.0%	9.1%	7.7%	5.8%	6.3%	6.1%	6.7%	4.0%	6.4%	6.3%	8.2%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded												
<u>Patient eligibility category, %</u>												
	Cat A (SC or low income)	92.8%	90.6%	91.9%	94.0%	93.6%	93.8%	93.1%	96.0%	93.4%	93.6%	91.7%
	Cat C (NSC and higher income)	6.2%	8.0%	6.6%	5.0%	4.3%	5.6%	6.3%	3.7%	5.1%	5.1%	7.5%
	Non-Veteran	1.0%	1.5%	1.5%	1.0%	2.1%	0.6%	0.6%	0.3%	1.6%	1.3%	0.8%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>												
BASIC	1. Non-reliant Care	0.2%	0.1%	0.2%	0.1%	0.2%	0.1%	0.2%	0.2%	0.4%	0.2%	0.2%
	2. Basic Medical	16.5%	13.5%	16.8%	17.7%	17.3%	16.3%	15.8%	13.5%	14.9%	16.7%	16.7%
	3. Mental Health	37.6%	34.2%	35.1%	39.7%	36.2%	38.4%	37.8%	39.0%	39.4%	40.5%	34.6%
	4. Heart / Lung / GI	7.2%	6.3%	7.1%	7.4%	6.4%	8.3%	7.7%	5.5%	6.5%	5.7%	8.0%
	5. Oncology / Infectious Disease	3.6%	2.7%	3.5%	4.5%	4.2%	4.0%	3.3%	4.2%	4.9%	4.8%	2.1%
	6. Multiple Medical	23.3%	22.8%	24.5%	21.0%	23.0%	24.0%	25.3%	26.2%	23.9%	22.3%	21.8%
COMPLEX	7. Specialized Care	2.2%	2.0%	2.1%	1.9%	1.8%	2.7%	1.8%	1.9%	2.6%	2.0%	3.0%
	8. Support Care	1.8%	2.9%	1.7%	1.1%	3.2%	1.6%	1.0%	1.7%	1.4%	1.5%	2.1%
	9. Chronic Mental	6.5%	13.7%	8.0%	5.7%	5.8%	3.4%	6.2%	7.1%	4.4%	5.2%	10.0%
	10. Critically Ill	1.2%	1.7%	1.0%	0.8%	1.8%	1.0%	0.9%	0.7%	1.6%	0.9%	1.7%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2D: FY04 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Homelessness</u>												
Homelessness indicated in FY04, %	13.0%	14.6%	11.9%	18.3%	10.9%	19.1%	7.9%	7.9%	9.9%	8.2%	6.1%	7.2%
<u>Residence in Metropolitan Area</u>												
Residing in a Metropolitan Statistical Area, %	78.9%	81.8%	73.7%	98.3%	83.1%	89.8%	71.0%	73.9%	90.2%	65.2%	82.8%	75.6%
<u>Distance</u>												
Mile from Closest VA Medical Center, mean	39.16	21.68	26.81	122.10	20.24	15.61	30.14	37.23	40.05	35.02	27.30	36.00
SD	166.11	23.57	26.69	781.47	17.55	18.88	25.53	29.06	33.34	30.61	96.92	30.96
Distance from closest VA Medical Center, %												
0 to 15 miles	44.8%	48.1%	41.4%	76.5%	48.6%	68.4%	35.9%	32.5%	31.7%	40.5%	40.2%	34.1%
15 to 30 miles	17.3%	27.2%	22.3%	14.2%	24.9%	18.5%	22.2%	15.3%	20.6%	11.7%	18.6%	14.9%
30 to 45 miles	11.1%	15.7%	17.5%	5.1%	16.4%	4.1%	16.8%	12.2%	8.9%	15.1%	24.2%	17.9%
45 to 60 miles	8.7%	5.3%	8.1%	2.1%	6.2%	4.6%	13.0%	16.3%	7.2%	8.8%	11.8%	15.2%
60 plus miles	18.1%	3.8%	10.7%	2.2%	3.9%	4.4%	12.1%	23.7%	31.6%	23.9%	5.3%	17.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	11.18	8.17	8.16	4.03	8.51	8.00	16.54	15.75	8.10	14.50	8.95	13.44
SD	13.29	8.07	7.62	3.91	7.19	7.27	13.85	13.98	7.66	12.92	7.84	11.91
Distance to closest VA Service Site, %												
0 to 15 miles	75.9%	85.8%	82.7%	97.9%	83.8%	83.6%	55.4%	58.1%	87.1%	62.7%	82.3%	64.9%
15 to 30 miles	15.6%	11.9%	15.6%	2.0%	14.3%	15.2%	29.0%	25.6%	10.8%	22.4%	15.2%	23.0%
30 to 45 miles	5.9%	1.9%	1.6%	0.0%	1.9%	1.2%	11.0%	12.1%	1.3%	12.8%	2.5%	10.0%
45 plus miles	2.6%	0.5%	0.0%	0.0%	0.0%	0.1%	4.7%	4.2%	0.7%	2.1%	0.0%	2.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2D: FY04 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Homelessness</u>											
Homelessness indicated in FY04, %	13.0%	13.6%	14.5%	10.9%	14.9%	11.2%	10.6%	15.2%	12.6%	25.8%	11.1%
<u>Residence in Metropolitan Area</u>											
Residing in a Metropolitan Statistical Area, %	78.9%	82.7%	62.6%	72.8%	82.8%	74.7%	73.0%	73.3%	85.4%	99.6%	56.4%
<u>Distance</u>											
Mile from Closest VA Medical Center, mean	39.16	23.96	30.53	43.99	40.81	42.98	48.58	87.35	36.02	19.26	45.44
SD	166.11	35.08	32.85	37.33	44.48	59.46	59.09	278.10	46.61	31.06	48.91
Distance from closest VA Medical Center, %											
0 to 15 miles	44.8%	53.0%	49.1%	34.0%	34.1%	53.8%	45.4%	45.8%	48.4%	64.1%	39.3%
15 to 30 miles	17.3%	20.7%	13.7%	11.0%	19.2%	13.3%	5.8%	13.9%	14.5%	21.4%	12.1%
30 to 45 miles	11.1%	7.8%	7.6%	9.8%	13.6%	3.6%	7.3%	7.2%	13.5%	4.7%	6.4%
45 to 60 miles	8.7%	8.2%	10.2%	11.2%	8.6%	3.7%	7.8%	10.6%	7.6%	3.5%	12.0%
60 plus miles	18.1%	10.2%	19.5%	33.9%	24.5%	25.6%	33.6%	22.5%	15.9%	6.3%	30.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	11.18	8.02	12.20	16.97	11.29	9.96	12.46	14.97	9.72	6.29	17.46
SD	13.29	8.90	12.94	15.15	10.57	12.41	17.46	26.88	11.62	7.34	18.60
Distance to closest VA Service Site, %											
0 to 15 miles	75.9%	86.1%	69.0%	56.7%	72.7%	83.9%	77.0%	71.2%	82.1%	93.4%	59.0%
15 to 30 miles	15.6%	10.2%	20.1%	22.4%	19.5%	9.0%	11.2%	16.1%	12.9%	4.6%	18.0%
30 to 45 miles	5.9%	2.9%	8.5%	14.2%	6.8%	3.7%	5.2%	5.9%	3.5%	1.5%	14.4%
45 plus miles	2.6%	0.8%	2.4%	6.7%	1.0%	3.4%	6.6%	6.9%	1.5%	0.5%	8.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2E: FY04 Patients w/ Other Psychoses, Patient Characteristics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Registry Patients. History of VA Utilization</u>												
Years since first use in prior five years, mean	4.06	4.14	4.19	4.20	3.86	4.07	3.98	4.08	407.4%	4.09	3.85	3.99
SD	1.36	1.32	1.31	1.27	1.43	1.35	1.40	1.37	132.9%	1.37	1.43	1.38
Yrs with 24-hour institutional use / yrs since 1st use, %	22.2%	19.6%	19.5%	21.6%	17.4%	27.3%	23.2%	22.1%	18.9%	27.5%	21.4%	22.6%
SD	27.0%	26.0%	25.1%	27.3%	25.2%	30.0%	26.8%	26.6%	25.6%	28.6%	27.9%	27.4%
Years with OP use / Years since first use, %	97.2%	97.6%	98.1%	96.3%	96.2%	96.5%	97.6%	97.3%	0.97	97.8%	97.2%	96.7%
SD	9.9%	8.9%	7.8%	11.7%	11.8%	10.7%	9.5%	9.4%	0.10	8.9%	10.2%	11.0%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>												
Had Psychosis Diagnosis in FY04, %	35.3%	30.4%	27.2%	39.7%	31.2%	35.3%	34.1%	33.5%	32.9%	36.8%	33.6%	30.6%
<i>Among Patients With Psychoses in FY04</i>												
Psychosis Category: Schizophrenia, %	8.1%	8.3%	12.0%	11.9%	7.3%	13.0%	6.7%	10.7%	7.1%	6.6%	6.7%	8.8%
Psychosis Category: Bipolar Disorder, %	3.3%	4.2%	6.4%	2.6%	3.1%	3.1%	2.5%	3.5%	3.4%	2.3%	4.4%	3.8%
Psychosis Category: Other Psychosis, %	88.6%	87.5%	81.7%	85.5%	89.7%	84.0%	90.8%	85.8%	89.5%	91.1%	88.8%	87.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Psychiatric Comorbidities, %</u>												
Dementia	19.6%	22.3%	26.8%	24.9%	15.3%	19.8%	21.6%	21.0%	23.2%	18.3%	21.8%	18.7%
Post Traumatic Stress Disorder	12.4%	14.6%	10.0%	12.8%	8.7%	10.7%	13.2%	16.2%	8.5%	11.2%	9.6%	8.8%
Depression	35.7%	35.5%	34.2%	32.4%	31.1%	32.2%	35.2%	38.2%	32.6%	34.2%	35.7%	36.9%
Other Anxiety Disorder	11.0%	13.9%	12.8%	10.1%	9.9%	7.4%	10.9%	11.6%	10.2%	11.6%	10.9%	11.2%
Substance Abuse or Dependence	14.0%	12.2%	9.3%	15.5%	11.3%	19.1%	12.8%	15.3%	9.9%	10.7%	13.2%	16.0%

Table 2E: FY04 Patients w/ Other Psychoses, Patient Characteristics, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Registry Patients. History of VA Utilization</u>											
Years since first use in prior ten years, mean	4.06	4.08	4.11	4.09	4.10	4.19	419.9%	4.13	4.04	3.84	4.16
SD	1.36	1.37	1.34	1.35	1.36	1.29	127.7%	1.38	1.38	1.46	1.30
Yrs with 24-hour institutional use / yrs since 1st use, %	22.2%	24.7%	23.7%	20.7%	24.8%	24.0%	24.0%	23.6%	22.7%	19.8%	25.0%
SD	27.0%	28.8%	26.8%	25.9%	28.4%	27.4%	26.6%	26.7%	27.3%	24.9%	27.3%
Years with OP use / Years since first use, %	97.2%	97.9%	97.6%	97.4%	96.7%	97.8%	0.98	96.7%	96.4%	96.9%	97.4%
SD	9.9%	8.6%	8.7%	9.4%	10.6%	8.6%	0.09	10.7%	11.7%	10.1%	9.4%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>											
Had Psychosis Diagnosis in FY04, %	35.3%	31.5%	39.4%	37.1%	42.6%	33.1%	37.1%	37.1%	36.3%	43.7%	32.4%
<i>Among Patients With Psychoses in FY04</i>											
Psychosis Category: Schizophrenia, %	8.1%	8.0%	5.7%	7.6%	4.6%	9.0%	4.0%	7.3%	12.1%	8.3%	9.2%
Psychosis Category: Bipolar Disorder, %	3.3%	5.4%	2.3%	2.3%	2.0%	4.6%	4.1%	3.4%	4.2%	3.4%	3.3%
Psychosis Category: Other Psychosis, %	88.6%	86.5%	91.9%	90.1%	93.5%	86.4%	91.9%	89.3%	83.7%	88.3%	87.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Psychiatric Comorbidities, %</u>											
Dementia	19.6%	20.5%	15.3%	17.7%	20.2%	23.1%	13.7%	11.8%	15.9%	20.8%	16.9%
Post Traumatic Stress Disorder	12.4%	8.6%	10.7%	15.4%	13.9%	15.4%	14.6%	18.5%	15.8%	12.7%	9.9%
Depression	35.7%	32.2%	36.3%	39.2%	36.9%	37.5%	40.0%	39.1%	36.8%	36.3%	36.0%
Other Anxiety Disorder	11.0%	9.4%	13.2%	11.3%	10.3%	12.3%	12.2%	11.8%	10.5%	9.3%	11.9%
Substance Abuse or Dependence	14.0%	14.7%	13.2%	13.7%	14.1%	13.4%	15.0%	18.5%	21.3%	14.9%	16.8%

Table 2E: FY04 Patients w/ Other Psychoses, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Medical Comorbidities, %</u>												
No medical comorbidities	7.5%	8.9%	6.8%	8.5%	8.0%	7.4%	6.3%	5.7%	6.7%	5.4%	6.3%	7.7%
Anemia	15.0%	16.0%	12.8%	19.0%	13.9%	17.6%	14.3%	17.3%	15.7%	18.1%	16.0%	13.8%
Arthritis	39.1%	34.9%	39.5%	33.9%	34.3%	35.8%	41.1%	43.4%	37.9%	40.6%	37.7%	40.9%
Cancer	14.9%	16.0%	14.0%	16.4%	14.1%	16.2%	14.3%	13.7%	15.6%	15.9%	14.6%	13.7%
Cerebrovascular Disease	17.0%	15.9%	18.8%	14.1%	16.6%	20.2%	18.5%	17.8%	17.9%	20.8%	19.6%	16.2%
Chronic Neurologic Disorder	20.1%	17.8%	21.3%	19.4%	18.7%	18.6%	21.0%	22.0%	19.1%	23.2%	22.0%	21.5%
Chronic Obstructive Pulmonary Disease	17.7%	18.3%	20.8%	14.0%	15.7%	15.6%	18.1%	19.8%	17.0%	21.6%	18.6%	19.2%
Chronic Viral Infection	5.3%	4.4%	3.0%	6.5%	4.0%	8.2%	4.4%	6.2%	4.4%	4.1%	4.0%	5.0%
Coronary Artery Disease	34.8%	37.1%	39.7%	31.2%	41.7%	36.1%	32.5%	32.3%	35.4%	39.3%	42.7%	34.5%
Diabetes	24.8%	23.8%	27.6%	23.4%	24.5%	26.7%	26.0%	26.3%	26.1%	27.6%	25.5%	25.7%
Digestive System Disease	43.6%	41.1%	44.7%	41.8%	38.4%	41.3%	43.0%	47.8%	42.8%	49.7%	41.7%	43.2%
Hypertension	58.3%	53.9%	59.1%	55.6%	56.3%	62.6%	60.8%	64.1%	59.4%	63.6%	64.2%	59.0%
Injury and Poisoning	19.3%	19.3%	17.3%	17.6%	13.7%	19.1%	19.4%	18.4%	17.1%	22.8%	19.1%	20.1%
Liver Disease	3.8%	3.5%	3.5%	3.9%	2.7%	3.7%	2.9%	4.8%	3.7%	3.7%	3.7%	4.2%
Other Endocrine	10.2%	7.4%	9.5%	8.0%	10.1%	8.9%	9.3%	9.3%	11.7%	10.6%	10.8%	9.8%
Peripheral Vascular Disease	8.3%	10.7%	12.3%	6.7%	9.7%	8.2%	7.8%	8.0%	8.5%	9.7%	11.0%	9.1%
<u>GAF scores</u>												
Lowest inpatient GAF score, mean	36.83	34.96	36.57	43.38	41.08	33.37	37.44	37.42	33.52	27.82	39.95	69.80
SD	15.07	12.69	11.77	8.96	10.11	11.75	12.28	11.46	13.47	13.44	17.13	22.58
Mean outpatient GAF score	49.06	48.33	49.16	50.82	51.35	48.55	49.02	49.84	50.21	47.70	48.36	53.75
SD	11.43	12.32	9.78	10.58	13.37	10.58	11.64	10.06	11.12	12.94	11.45	11.51
At least 1 IP GAF, among pts with MH bedsections, %	35.3%	44.4%	67.6%	24.0%	25.7%	50.7%	27.7%	27.2%	32.0%	44.6%	33.9%	24.5%
At least 1 OP GAF, among pts with MH clinic stops, %	71.6%	75.7%	82.0%	77.6%	57.8%	64.5%	76.1%	82.2%	61.2%	76.4%	75.8%	59.6%
<u>Mortality rates</u>												
died in FY04, %	6.0%	5.2%	5.3%	4.2%	6.3%	6.0%	6.4%	6.5%	6.1%	9.0%	5.6%	5.5%
Age-and-gender-adjusted Standardized Mortality Ratio	1.07	0.87	0.86	0.73	0.99	1.09	1.17	1.26	0.99	1.60	0.96	1.07

Table 2E: FY04 Patients w/ Other Psychoses, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Medical Comorbidities, %</u>											
No medical comorbidities	7.5%	6.9%	8.0%	7.5%	7.0%	6.0%	6.9%	9.4%	10.3%	10.5%	8.5%
Anemia	15.0%	13.9%	14.4%	13.6%	14.4%	15.2%	12.6%	13.2%	16.8%	12.4%	14.8%
Arthritis	39.1%	37.2%	39.3%	41.3%	40.6%	43.6%	44.2%	39.7%	37.7%	35.7%	39.2%
Cancer	14.9%	15.6%	14.8%	14.2%	14.3%	16.3%	15.1%	13.9%	14.1%	14.3%	15.8%
Cerebrovascular Disease	17.0%	18.3%	17.6%	16.6%	19.1%	15.2%	13.1%	11.9%	14.7%	15.3%	17.7%
Chronic Neurologic Disorder	20.1%	21.6%	21.3%	20.1%	18.8%	20.2%	21.2%	18.5%	18.4%	18.0%	21.6%
Chronic Obstructive Pulmonary Disease	17.7%	16.6%	20.8%	17.3%	16.8%	19.4%	18.9%	17.6%	15.7%	13.0%	19.9%
Chronic Viral Infection	5.3%	5.0%	4.5%	5.5%	6.1%	4.8%	5.4%	7.0%	9.1%	7.3%	3.7%
Coronary Artery Disease	34.8%	36.4%	35.4%	32.3%	32.8%	39.5%	35.9%	31.6%	28.5%	28.0%	35.7%
Diabetes	24.8%	24.4%	26.7%	24.0%	27.0%	24.0%	21.1%	21.5%	20.9%	22.6%	23.8%
Digestive System Disease	43.6%	43.4%	43.8%	42.9%	42.0%	46.6%	50.6%	45.8%	43.0%	39.5%	46.3%
Hypertension	58.3%	61.2%	58.8%	61.1%	58.9%	56.7%	52.5%	48.6%	52.6%	53.2%	54.5%
Injury and Poisoning	19.3%	18.3%	19.5%	17.6%	19.4%	26.3%	28.0%	20.9%	20.8%	19.4%	20.6%
Liver Disease	3.8%	3.7%	3.9%	3.2%	4.2%	5.3%	4.7%	4.0%	4.0%	3.0%	4.9%
Other Endocrine	10.2%	11.1%	10.3%	9.1%	10.8%	12.8%	11.6%	12.2%	9.7%	10.2%	10.7%
Peripheral Vascular Disease	8.3%	10.2%	8.8%	6.9%	7.1%	8.2%	7.0%	6.8%	6.9%	6.0%	9.7%
<u>GAF scores</u>											
Lowest inpatient GAF score, mean	36.83	39.08	41.06	38.44	40.83	35.53	34.36	27.23	36.82	33.23	38.91
<i>SD</i>	<i>15.07</i>	<i>13.89</i>	<i>11.65</i>	<i>13.71</i>	<i>12.18</i>	<i>13.52</i>	<i>11.99</i>	<i>17.71</i>	<i>13.99</i>	<i>12.56</i>	<i>14.52</i>
Mean outpatient GAF score	49.06	49.11	50.06	49.14	47.45	49.53	44.57	45.15	48.99	46.74	51.11
<i>SD</i>	<i>11.43</i>	<i>11.61</i>	<i>11.73</i>	<i>10.52</i>	<i>11.39</i>	<i>12.22</i>	<i>10.19</i>	<i>10.30</i>	<i>10.83</i>	<i>12.26</i>	<i>11.26</i>
At least 1 IP GAF, among pts with MH bedsections, %	35.3%	46.1%	17.5%	31.4%	45.6%	27.5%	41.8%	48.3%	37.6%	33.7%	44.7%
At least 1 OP GAF, among pts with MH clinic stops, %	71.6%	61.2%	74.9%	84.4%	74.3%	70.6%	72.9%	47.8%	78.4%	68.7%	70.7%
<u>Mortality rates</u>											
died in FY 03, %	6.0%	3.7%	7.0%	5.6%	7.1%	7.6%	6.7%	5.0%	5.2%	3.9%	6.7%
Age-adjusted Standardized Mortality Ratio	1.07	0.63	1.26	1.09	1.32	1.34	1.25	1.04	1.07	0.76	1.23

Table 2E: FY04 Patients w/ Other Psychoses, Patient Characteristics, by VISN (continued)

		all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses		63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Service Connection (SC)</u>													
	Non-SC	64.3%	57.9%	66.5%	66.5%	71.4%	69.3%	61.9%	63.0%	64.9%	64.8%	71.2%	69.9%
	SC 0 - 29%	10.0%	11.0%	9.6%	12.3%	9.0%	9.0%	9.9%	10.7%	10.7%	9.1%	10.5%	9.4%
	SC 30 - 69%	10.8%	12.2%	11.2%	10.2%	10.0%	9.9%	12.1%	10.9%	10.4%	10.0%	9.8%	9.9%
	SC 70 - 99%	6.4%	8.5%	5.2%	4.9%	4.9%	5.3%	6.9%	6.3%	6.1%	5.7%	4.0%	4.4%
	SC 100%	8.4%	10.3%	7.6%	6.1%	4.7%	6.5%	9.2%	9.2%	7.9%	10.3%	4.5%	6.4%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>													
	Complex*	14.3%	15.2%	19.8%	15.3%	11.9%	20.6%	13.5%	15.4%	11.5%	16.7%	17.4%	14.6%
	Basic vested, Cat A*	74.6%	71.2%	67.5%	70.5%	71.6%	70.2%	77.8%	76.1%	76.5%	73.7%	70.4%	71.5%
	Basic Non-vested, Cat A*	0.7%	0.6%	0.7%	0.5%	0.9%	0.7%	0.4%	0.7%	0.4%	0.8%	0.5%	1.1%
	Basic, Cats C and N	10.4%	13.0%	12.0%	13.8%	15.6%	8.4%	8.3%	7.8%	11.6%	8.8%	11.7%	12.9%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	* Funded												
<u>Patient eligibility category, %</u>													
	Cat A (SC or low income)	89.0%	86.1%	87.1%	85.5%	83.7%	90.4%	91.2%	91.6%	88.1%	90.5%	87.4%	86.4%
	Cat C (NSC and higher income)	10.5%	13.4%	12.3%	14.1%	16.0%	9.4%	8.6%	8.2%	11.4%	8.6%	12.1%	13.3%
	Non-Veteran	0.5%	0.5%	0.6%	0.4%	0.3%	0.2%	0.2%	0.2%	0.5%	0.9%	0.5%	0.4%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>													
BASIC	1. Non-reliant Care	0.2%	0.4%	0.0%	0.1%	0.3%	0.1%	0.0%	0.2%	0.3%	0.3%	0.0%	0.2%
	2. Basic Medical	26.8%	25.8%	25.0%	26.1%	30.3%	25.0%	27.8%	27.3%	29.3%	28.0%	22.8%	26.0%
	3. Mental Health	23.0%	26.1%	20.9%	22.3%	24.9%	18.3%	22.1%	21.4%	22.0%	17.5%	26.8%	24.5%
	4. Heart / Lung / GI	14.0%	12.5%	13.3%	14.1%	16.0%	12.5%	15.4%	14.7%	15.7%	16.3%	15.1%	13.8%
	5. Oncology / Infectious Disease	3.1%	2.5%	1.9%	3.7%	2.4%	3.3%	3.2%	3.5%	2.8%	2.8%	1.7%	2.6%
	6. Multiple Medical	18.6%	17.6%	19.1%	18.5%	14.2%	20.2%	17.9%	17.6%	18.4%	18.3%	16.2%	18.3%
COMPLEX	7. Specialized Care	4.8%	4.8%	7.8%	6.3%	2.7%	5.6%	4.7%	5.9%	4.3%	4.9%	7.7%	5.1%
	8. Support Care	4.3%	4.3%	4.9%	3.2%	3.0%	5.8%	3.0%	4.4%	3.9%	7.7%	3.0%	3.3%
	9. Chronic Mental	1.9%	2.1%	2.1%	2.4%	1.2%	3.6%	2.5%	1.8%	0.7%	1.2%	1.2%	1.6%
	10. Critically Ill	3.4%	3.9%	5.1%	3.4%	5.0%	5.6%	3.5%	3.3%	2.5%	2.9%	5.4%	4.6%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2E: FY04 Patients w/ Other Psychoses, Patient Characteristics, by VISN (continued)

		all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses		63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Service Connection (SC)</u>												
	Non-SC	64.3%	72.9%	67.7%	62.2%	56.4%	58.8%	62.5%	58.0%	59.3%	66.0%	65.0%
	SC 0 - 29%	10.0%	8.8%	10.0%	9.6%	11.3%	9.8%	9.9%	9.6%	10.1%	10.1%	9.8%
	SC 30 - 69%	10.8%	8.1%	10.2%	11.2%	13.0%	12.3%	11.1%	11.9%	12.6%	10.0%	10.5%
	SC 70 - 99%	6.4%	4.2%	4.8%	8.1%	8.8%	8.0%	6.4%	9.0%	7.2%	5.9%	7.0%
	SC 100%	8.4%	5.9%	7.3%	9.0%	10.5%	11.0%	10.1%	11.5%	10.8%	8.0%	7.8%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>												
	Complex*	14.3%	15.0%	10.4%	10.2%	17.9%	15.5%	16.4%	12.6%	17.0%	12.7%	17.6%
	Basic vested, Cat A*	74.6%	68.0%	77.5%	81.1%	76.0%	75.1%	71.9%	80.3%	74.7%	77.3%	65.0%
	Basic Non-vested, Cat A*	0.7%	0.5%	0.7%	1.1%	0.5%	0.6%	0.7%	0.3%	1.1%	0.6%	0.6%
	Basic, Cats C and N	10.4%	16.5%	11.4%	7.5%	5.6%	8.8%	11.0%	6.8%	7.2%	9.4%	16.8%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded												
<u>Patient eligibility category, %</u>												
	Cat A (SC or low income)	89.0%	82.9%	88.4%	92.1%	93.8%	90.5%	88.6%	92.9%	91.9%	90.3%	82.5%
	Cat C (NSC and higher income)	10.5%	15.7%	11.2%	7.5%	5.8%	9.1%	11.1%	7.0%	7.5%	9.2%	17.2%
	Non-Veteran	0.5%	1.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.1%	0.5%	0.5%	0.3%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>												
BASIC	1. Non-reliant Care	0.2%	0.1%	0.2%	0.1%	0.1%	0.1%	0.2%	0.1%	0.6%	0.2%	0.1%
	2. Basic Medical	26.8%	27.6%	29.0%	27.0%	27.0%	26.7%	25.5%	24.8%	22.1%	25.8%	26.2%
	3. Mental Health	23.0%	19.2%	21.7%	26.0%	22.6%	21.1%	22.4%	24.3%	24.8%	26.5%	23.4%
	4. Heart / Lung / GI	14.0%	15.2%	15.7%	14.2%	11.7%	12.8%	14.6%	12.1%	11.1%	11.1%	11.8%
	5. Oncology / Infectious Disease	3.1%	2.3%	2.8%	3.2%	3.3%	3.5%	3.0%	4.3%	5.0%	4.1%	2.6%
	6. Multiple Medical	18.6%	20.6%	20.0%	19.2%	17.3%	20.2%	17.8%	21.8%	19.4%	19.5%	18.3%
COMPLEX	7. Specialized Care	4.8%	4.9%	2.5%	4.0%	4.2%	6.0%	7.1%	3.3%	5.7%	2.8%	5.3%
	8. Support Care	4.3%	4.6%	3.6%	3.3%	7.2%	4.7%	4.3%	4.5%	3.9%	5.2%	4.3%
	9. Chronic Mental	1.9%	2.9%	1.1%	1.5%	2.1%	1.2%	2.6%	2.8%	2.8%	2.5%	2.3%
	10. Critically Ill	3.4%	2.7%	3.2%	1.5%	4.3%	3.6%	2.5%	1.9%	4.6%	2.2%	5.7%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2E: FY04 Patients w/ Other Psychoses, Patient Characteristics, by VISN (continued)

		all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses		63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Service Connection (SC)</u>												
	Non-SC	64.3%	72.9%	67.7%	62.2%	56.4%	58.8%	62.5%	58.0%	59.3%	66.0%	65.0%
	SC 0 - 29%	10.0%	8.8%	10.0%	9.6%	11.3%	9.8%	9.9%	9.6%	10.1%	10.1%	9.8%
	SC 30 - 69%	10.8%	8.1%	10.2%	11.2%	13.0%	12.3%	11.1%	11.9%	12.6%	10.0%	10.5%
	SC 70 - 99%	6.4%	4.2%	4.8%	8.1%	8.8%	8.0%	6.4%	9.0%	7.2%	5.9%	7.0%
	SC 100%	8.4%	5.9%	7.3%	9.0%	10.5%	11.0%	10.1%	11.5%	10.8%	8.0%	7.8%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>												
	Complex*	14.3%	15.0%	10.4%	10.2%	17.9%	15.5%	16.4%	12.6%	17.0%	12.7%	17.6%
	Basic vested, Cat A*	74.6%	68.0%	77.5%	81.1%	76.0%	75.1%	71.9%	80.3%	74.7%	77.3%	65.0%
	Basic Non-vested, Cat A*	0.7%	0.5%	0.7%	1.1%	0.5%	0.6%	0.7%	0.3%	1.1%	0.6%	0.6%
	Basic, Cats C and N	10.4%	16.5%	11.4%	7.5%	5.6%	8.8%	11.0%	6.8%	7.2%	9.4%	16.8%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded												
<u>Patient eligibility category, %</u>												
	Cat A (SC or low income)	89.0%	82.9%	88.4%	92.1%	93.8%	90.5%	88.6%	92.9%	91.9%	90.3%	82.5%
	Cat C (NSC and higher income)	10.5%	15.7%	11.2%	7.5%	5.8%	9.1%	11.1%	7.0%	7.5%	9.2%	17.2%
	Non-Veteran	0.5%	1.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.1%	0.5%	0.5%	0.3%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>												
BASIC	1. Non-reliant Care	0.2%	0.1%	0.2%	0.1%	0.1%	0.1%	0.2%	0.1%	0.6%	0.2%	0.1%
	2. Basic Medical	26.8%	27.6%	29.0%	27.0%	27.0%	26.7%	25.5%	24.8%	22.1%	25.8%	26.2%
	3. Mental Health	23.0%	19.2%	21.7%	26.0%	22.6%	21.1%	22.4%	24.3%	24.8%	26.5%	23.4%
	4. Heart / Lung / GI	14.0%	15.2%	15.7%	14.2%	11.7%	12.8%	14.6%	12.1%	11.1%	11.1%	11.8%
	5. Oncology / Infectious Disease	3.1%	2.3%	2.8%	3.2%	3.3%	3.5%	3.0%	4.3%	5.0%	4.1%	2.6%
	6. Multiple Medical	18.6%	20.6%	20.0%	19.2%	17.3%	20.2%	17.8%	21.8%	19.4%	19.5%	18.3%
COMPLEX	7. Specialized Care	4.8%	4.9%	2.5%	4.0%	4.2%	6.0%	7.1%	3.3%	5.7%	2.8%	5.3%
	8. Support Care	4.3%	4.6%	3.6%	3.3%	7.2%	4.7%	4.3%	4.5%	3.9%	5.2%	4.3%
	9. Chronic Mental	1.9%	2.9%	1.1%	1.5%	2.1%	1.2%	2.6%	2.8%	2.8%	2.5%	2.3%
	10. Critically Ill	3.4%	2.7%	3.2%	1.5%	4.3%	3.6%	2.5%	1.9%	4.6%	2.2%	5.7%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2E: FY04 Patients w/ Other Psychoses, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Homelessness</u>												
Homelessness indicated in FY04, %	5.7%	4.4%	4.0%	9.5%	4.1%	9.4%	3.8%	5.2%	2.6%	2.4%	6.1%	7.2%
<u>Residence in Metropolitan Area</u>												
Residing in a Metropolitan Statistical Area, %	77.3%	77.8%	79.3%	98.8%	85.1%	90.3%	66.3%	71.8%	88.3%	61.6%	81.9%	76.0%
<u>Distance</u>												
Mile from Closest VA Medical Center, mean	37.44	22.65	22.42	75.96	19.00	14.51	30.36	33.55	35.37	35.29	24.44	31.21
SD	133.60	24.47	21.37	605.47	16.58	17.82	24.41	27.82	30.32	30.51	19.20	28.57
Distance from closest VA Medical Center, %												
0 to 15 miles	44.8%	47.1%	45.0%	82.9%	50.8%	72.5%	32.8%	37.5%	34.8%	39.6%	42.6%	40.7%
15 to 30 miles	16.9%	25.9%	25.7%	10.7%	25.5%	14.3%	22.7%	14.8%	21.8%	13.2%	19.4%	15.4%
30 to 45 miles	11.2%	16.4%	18.2%	3.7%	15.5%	5.0%	19.8%	13.2%	10.5%	12.6%	22.7%	16.4%
45 to 60 miles	8.9%	6.1%	6.4%	1.5%	5.5%	4.4%	14.1%	15.1%	9.1%	10.2%	10.4%	13.0%
60 plus miles	18.1%	4.6%	4.6%	1.2%	2.6%	3.8%	10.5%	19.3%	23.8%	24.4%	4.9%	14.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	11.82	8.73	7.82	3.56	8.14	7.15	17.28	15.57	8.67	15.54	8.67	13.60
SD	14.05	8.54	6.80	3.72	6.77	6.90	13.63	14.02	7.81	13.46	7.65	11.88
Distance to closest VA Service Site, %												
0 to 15 miles	73.8%	83.1%	84.2%	98.3%	86.0%	85.9%	52.2%	59.4%	84.2%	58.6%	83.4%	64.5%
15 to 30 miles	16.5%	13.6%	14.9%	1.6%	12.9%	13.1%	30.4%	24.1%	13.8%	24.7%	14.0%	23.6%
30 to 45 miles	6.8%	2.8%	0.9%	0.0%	1.2%	1.0%	12.9%	12.6%	1.3%	13.5%	2.6%	10.0%
45 plus miles	2.9%	0.5%	0.0%	0.0%	0.0%	0.0%	4.4%	3.9%	0.8%	3.2%	0.0%	1.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2E: FY04 Patients w/ Other Psychoses, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Homelessness</u>											
Homelessness indicated in FY04, %	5.7%	5.0%	4.4%	4.0%	7.0%	5.5%	5.3%	11.3%	10.2%	11.7%	4.6%
<u>Residence in Metropolitan Area</u>											
Residing in a Metropolitan Statistical Area, %	77.3%	80.0%	60.8%	66.8%	78.9%	77.0%	67.3%	71.8%	89.0%	99.3%	54.4%
<u>Distance</u>											
Mile from Closest VA Medical Center, mean	37.44	25.67	30.19	44.07	45.23	49.63	50.87	100.10	30.13	21.24	45.22
SD	133.60	29.09	31.96	35.24	52.60	64.75	55.51	311.07	49.63	23.81	45.91
Distance from closest VA Medical Center, %											
0 to 15 miles	44.8%	53.1%	49.3%	31.5%	38.6%	50.0%	46.7%	48.4%	53.0%	57.3%	36.6%
15 to 30 miles	16.9%	15.9%	13.8%	11.1%	15.2%	12.2%	5.0%	13.0%	17.3%	26.0%	12.9%
30 to 45 miles	11.2%	10.0%	8.3%	11.9%	10.4%	3.6%	6.3%	7.3%	11.6%	5.1%	8.3%
45 to 60 miles	8.9%	9.5%	10.3%	11.6%	8.0%	4.7%	6.4%	8.8%	6.2%	4.7%	11.1%
60 plus miles	18.1%	11.6%	18.4%	34.0%	27.8%	29.6%	35.5%	22.5%	11.9%	6.9%	31.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	11.82	8.77	13.05	17.97	11.63	10.69	13.61	14.87	8.97	6.52	19.33
SD	14.05	14.88	13.14	15.45	11.89	12.64	18.57	30.89	11.35	6.74	19.51
Distance to closest VA Service Site, %											
0 to 15 miles	73.8%	83.6%	67.2%	53.4%	72.7%	81.5%	75.0%	71.8%	84.4%	92.7%	55.0%
15 to 30 miles	16.5%	12.5%	20.4%	23.2%	18.2%	9.7%	11.1%	16.6%	12.2%	5.5%	18.2%
30 to 45 miles	6.8%	3.2%	10.3%	16.6%	7.1%	4.9%	5.5%	4.8%	1.9%	1.4%	15.9%
45 plus miles	2.9%	0.6%	2.2%	6.8%	2.0%	3.8%	8.4%	6.9%	1.5%	0.4%	10.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chapter 3

Utilization

Background

The VA, like other health care systems, continues to move towards an outpatient-based model of service delivery. In response to the move away from inpatient care, the Veterans Eligibility Reform Act of 1996 (Public Law 104-262) was passed, requiring the Under Secretary for Health, Department of Veterans Affairs, to receive annual reports on the VHA's capacity to effectively meet the treatment and rehabilitation needs of severely chronically mentally ill veterans. The First Annual Report submitted by the Committee on Care of Severely Chronically Mentally Ill Veterans "stresses the need to ensure that adequate community based programs are made available for the severely chronically mentally ill veteran" (Committee on Care of Severely Chronically Mentally Ill Veterans, 1997).

Research suggests that cost-efficient care for patients with long-term disability requires an optimal mix of acute care, extended care, residential services, and outpatient clinical services (Rothbard, Kuno, Schinnar, Hadley, & Turk, 1999). The VA has sought to integrate service provision. The goal of coordinated care is that interventions are provided "when they will have their greatest effectiveness and in a way that promotes efficiency" (Kizer, 1996). To inform the VA on the current ability of the system to provide this array of services, we report specific utilization data for a wide range of 24-hour institutional services (hospital-based medical and psychiatric care, residential rehabilitation, domiciliary and nursing home care), as well as a variety of outpatient care settings (general psychiatry, psychiatric case management and day treatment, and substance abuse, PTSD and psychiatric vocational rehabilitation).

Although the Epidemiologic Catchment Area Study reveals that one-third of all mental health visits are made by patients without a Diagnostic Interview Schedule psychiatric diagnosis, individuals with SMI use considerably more services than the general population. Eighteen percent of patients with SMI had a mental health encounter within a 6-month period, and half of these visits were to a specialist. In general, women utilize more psychiatric services, as do younger patients (Shapiro et al., 1984). A more recent study (Dickerson et al., 2003) found that patients with mental health conditions are also more likely to see a medical doctor than the general population (OR=2). Echoing the ECA and other research, Husaini and colleagues confirm that a variety of factors affect utilization patterns among SMI patients (e.g., race, gender, age, etc.), and substantial variation is expected across multiple treatment domains (Husaini et al., 2002).

McFarland documented how SMI patients within large, integrated healthcare systems (such as HMOs) tend to maintain contact with their providers and receive appropriate care to the same extent as other patients (McFarland et al., 1996). In addition, previously noted ethnic differences in mental health utilization rates (including specialty visits) are steadily decreasing, as attitudes toward psychiatric care among minority clients improve (Cooper-Patrick et al., 1999).

Reflecting increased concerns regarding medical care for VA patients with psychoses, this report now includes two measures regarding primary care utilization. These are: 1) the percentage of patients with psychoses who had at least one primary care stop during the fiscal year, and 2) among patients who had some primary care, the mean number of outpatient visit days that included a primary care stop. Many preventive screenings are recommended annually for older

people, and since the average age of VA SMI patients is 54, close to 100% of patients would be expected to have an annual primary care stop. Daumit and his colleagues found that “patients with SMI making primary care visits have high levels of medical comorbidity compared to patient visits without SMI” (Daumit, Pratt, Crum, Powe & Ford, 2002). The same study also found that rates of preventive counseling were the same for both populations. The CDC’s “Summary Health Statistics for U.S. Adults: National Health Interview Survey, 1997” found that 81% of adults see a doctor or other health care professional (although the type of care sought is not specified) in a year (Centers for Disease Control, 2002). This percentage jumps to 91% for people over 65. We would expect the NPR percentages to be in the same range or higher since they, unlike the CDC population, have already sought health care.

All utilization data were obtained from the nationwide VA Patient Treatment File (PTF) and Outpatient Care Files (OPC) located at the Austin Automation Center in Austin, Texas.

Inpatient

- Overall hospital use:
 - Total inpatient days have dropped 40% since FY99, from 35 to 21 days on average.
 - The percent of patients with stays of 100+ days (1.9%) has dropped 60% since FY99.
- Psychiatric:
 - Total inpatient days decreased 7.4 % since FY03, falling 47% since FY99.
 - 14.6% of patients with psychosis had some inpatient psychiatric care; 17.1% of patients with schizophrenia had an inpatient psychiatric stay versus 16.3% of patients with bipolar disorder and 9.1% of patients with other psychoses.
 - Days of care varied widely across VISNs, from 6.1 to 27.8.
- Use of residential rehabilitation, domiciliary care and nursing home care remained relatively stable since FY03; 1.6% of patients had some residential rehabilitation, and 2.4% and 4.7% had domiciliary and nursing home care, respectively.
 - Days of care in these institutional settings were very different across VISNs:
 - Residential rehabilitation: 10.5 to 115.7
 - Domiciliaries: 23.6 to 137.1
 - Nursing homes: 60.1 to 202.0

Outpatient

- Virtually all patients had at least one outpatient clinic stop (99.0%).
- There continues to be a decline in the average number of outpatient clinic stops:
 - Overall: 35% drop since FY99, from 55.5 stops to 36.0
 - Medical: 34% drop since FY99, from 31.1 stops to 20.5
 - Psychiatric: 36% drop since FY99, from 24.4 stops to 15.6
- Patients with schizophrenia had the most psychiatric stops, with 21.3 versus 16.4 for patients with bipolar disorder and 6.4 for patients with other psychoses.
- Average total clinic stops in FY04 varied widely across VISNs: from 27.3 to 49.5 overall, from 7.9 to 25.8 for all psychiatric stops, 0.2 to 3.5 for case management stops, 0.3 to 7.5 for day treatment stops, 1.0 to 6.5 for substance abuse stops, and 0.2 to 4.0 for vocational clinic stops.
- Primary care:
 - 83% of patients received at least one primary care visit.
 - Across VISNs, the percent of patients with at least one primary care visit during FY04 ranged from 76.4% to 87.0%

Tables

For each group (Global, All Diagnoses by VISN, Schizophrenic by VISN, Bipolar by VISN and Other Diagnoses by VISN) the utilization tables are organized as follows. For exact stop codes and bed sections, see Appendix C.

1. Hospital-based utilization (reported for those with some hospital-based utilization, based on the patient's bed section at discharge)
 - a. Overall utilization (psychiatric and non-psychiatric)
 - i. non-psychiatric
 - ii. psychiatric
2. Other 24hour institutional care (based on the patient's bed section at discharge)
 - a. residential rehab (reported for those with some residential rehab use)
 - b. domiciliary and vocational care (reported for those with some domiciliary or vocational care use)
 - c. nursing home care (reported for those with some nursing home use)
3. Outpatient care (reported for those with some outpatient care)
 - a. annual clinic stops
 - b. non-psychiatric clinic stops
 - c. psychiatric clinic stops
 - i. general psychiatric clinic stops
 - ii. psychiatric case management clinic stops
 - iii. psychiatric day treatment clinic stops
 - iv. substance abuse clinic stops
 - v. psychiatric vocational clinic stops
 - vi. PTSD clinic stops
 - vii. psychiatric homeless clinic stops

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Table 3A: FY04 Patient w/ Psychosis, Utilization, by Diagnosis Grouping

Entire Population	All	Schizophrenia	Bipolar	Other
	234588	92326	78963	63299
<u>Hospital Based Utilization</u>				
Pts. with some Hospital Based Utilization, %	26.7%	26.5%	25.1%	29.0%
<u>Hospital based utilization: Overall</u>				
(psych & non-psych- for those with some hosp.util.)				
Inpatient stays, mean	1.84	1.87	1.81	1.83
<i>SD</i>	<i>1.45</i>	<i>1.47</i>	<i>1.45</i>	<i>1.41</i>
Average LOS, mean	12.49	17.33	9.70	9.06
<i>SD</i>	<i>29.57</i>	<i>42.15</i>	<i>18.44</i>	<i>14.06</i>
Cumu. DOS, mean	21.12	28.31	17.04	15.93
<i>SD</i>	<i>39.49</i>	<i>53.12</i>	<i>28.96</i>	<i>23.25</i>
Cumu. DOS, %				
1 to 7	40.9%	35.6%	45.1%	43.5%
8 to 14	21.8%	20.6%	22.4%	22.6%
15 to 44	27.4%	29.3%	25.1%	27.3%
45 to 89	6.6%	8.6%	5.3%	5.2%
90 to 179	2.1%	3.3%	1.6%	1.1%
180 to 359	0.8%	1.5%	0.5%	0.3%
360+	0.5%	1.1%	0.1%	0.1%
Total	100.0%	100.0%	100.0%	100.0%
Hosp. pts. with a 100+ day Hosp. stay, %	1.9%	3.6%	1.1%	0.6%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	241.95	254.88	212.11	197.35
<i>SD</i>	<i>94.61</i>	<i>94.61</i>	<i>95.68</i>	<i>83.20</i>
Hosp. pts. with a 150+ day hosp. stay, %	1.2%	2.4%	0.6%	0.3%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	292.85	302.82	261.28	249.65
<i>SD</i>	<i>75.76</i>	<i>73.23</i>	<i>72.83</i>	<i>77.13</i>
Cumu. DOS at Other VISNs	0.52	0.61	0.59	0.31
<i>SD</i>	<i>3.92</i>	<i>4.74</i>	<i>3.73</i>	<i>2.72</i>
Cumu. DOS at Other Stations	1.72	2.04	1.93	1.05
<i>SD</i>	<i>7.22</i>	<i>8.50</i>	<i>7.16</i>	<i>5.06</i>

Table 3A: FY04 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

Entire Population	All	Schizophrenia	Bipolar	Other
	234588	92326	78963	63299
<u>Hospital based utilization: Non-Psych</u> (non-psych- for those with some hosp.based util.)				
Pts. with non-psych hospital stays, %	14.6%	12.1%	11.8%	21.8%
Inpatient stays, mean	0.92	0.74	0.74	1.35
SD	1.24	1.13	1.11	1.40
Average LOS, mean	7.52	8.30	6.38	7.67
SD	14.37	17.94	14.13	10.80
Cumu. Days of Stay, mean	6.93	6.16	4.90	10.16
SD	17.88	19.51	15.72	17.36
Cumu. Days of Stay, %				
0	45.2%	54.3%	52.9%	24.6%
1 to 7	30.9%	26.4%	30.7%	37.3%
8 to 14	10.5%	8.2%	8.1%	16.1%
15 to 44	10.9%	8.7%	6.8%	18.3%
45 to 89	1.9%	1.7%	1.1%	3.1%
90 to 179	0.4%	0.5%	0.3%	0.5%
180 to 359	0.1%	0.2%	0.1%	0.1%
360+	0.0%	0.1%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.3%	0.4%	0.2%	0.3%
Non-psy DOS, pts w/ 100+ day non-psy hosp stay, mean	219.25	227.53	235.36	186.89
SD	90.62	91.53	97.54	74.64
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.2%	0.2%	0.1%	0.1%
Non-psy DOS, pts w/ 150+ day non-psy hosp stay, mean	277.86	280.76	295.35	243.11
SD	75.73	75.89	69.29	76.97
Other VISN cumu. DOS, mean	0.15	0.13	0.14	0.18
SD	2.07	2.28	1.75	2.12
Other station cumu. DOS, mean	0.54	0.52	0.52	0.58
SD	3.74	3.89	3.43	3.85

Table 3A: FY04 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

Entire Population		All 234588	Schizophrenia 92326	Bipolar 78963	Other 63299
<u>Hospital based utilization: Psychiatric</u> (psych- for those with some hosp.based util.)					
Pts. with psych hospital stays, %		14.6%	17.1%	16.3%	9.1%
Inpatient stays, mean		0.92	1.13	1.07	0.48
SD		1.27	1.38	1.29	0.97
Average LOS, mean		17.12	22.98	11.90	12.70
SD		37.96	50.69	20.95	20.49
Cumu. Days of Stay, mean		14.19	22.15	12.14	5.77
SD		37.07	51.24	25.67	17.85
Cumu. Days of Stay, %					
0		45.2%	35.7%	35.3%	68.5%
1 to 7		17.9%	17.0%	24.9%	11.6%
8 to 14		13.3%	14.5%	16.4%	8.3%
15 to 44		16.7%	21.3%	18.1%	9.1%
45 to 89		4.3%	6.5%	3.7%	1.9%
90 to 179		1.5%	2.7%	1.2%	0.4%
180 to 359		0.7%	1.3%	0.4%	0.2%
360+		0.4%	1.0%	0.1%	0.0%
Total		100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %		1.6%	3.2%	0.9%	0.4%
Psych DOS, pts w/ 100+ day psych hosp stay, mean		242.90	255.41	202.60	199.85
SD		94.96	96.05	77.52	81.60
Hosp. Pts. with a 150+ day psych hosp.stay, %		1.1%	2.2%	0.4%	0.2%
Psych DOS, pts w/ 150+ day psych hosp stay, mean		292.98	302.97	250.73	247.92
SD		75.60	72.81	71.00	77.11
Other VISN cumu. DOS, mean		0.37	0.48	0.44	0.14
SD		3.26	4.11	3.18	1.63
Other station cumu. DOS, mean		1.18	1.53	1.41	0.46
SD		6.12	7.51	6.20	3.25

Table 3A: FY04 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

Entire Population	All 234588	Schizophrenia 92326	Bipolar 78963	Other 63299
Other 24 hour institutional care				
Pts. with some other 24 hour institutional care, %	8.3%	8.4%	7.5%	9.3%
<u>Residential Rehabilitation</u>				
(reported for those with some res rehab care)				
Pts. with some residential rehab. care, %	1.6%	1.6%	2.4%	0.8%
Number stays, mean	1.12	1.12	1.11	1.11
<i>SD</i>	0.37	0.38	0.35	0.35
Average LOS, mean	35.64	39.29	33.65	32.53
<i>SD</i>	40.97	49.92	33.68	36.35
Cumu. DOS, mean	38.61	42.44	36.63	34.94
<i>SD</i>	43.27	51.90	36.63	37.73
Cumu. Days of Stay, %				
1 to 7	14.7%	17.2%	12.6%	15.3%
8 to 14	11.6%	12.3%	11.2%	11.4%
15 to 44	48.0%	41.4%	52.1%	52.2%
45 to 89	16.3%	17.5%	16.1%	13.7%
90 to 179	7.7%	8.5%	7.3%	6.5%
180 to 359	1.4%	2.7%	0.6%	0.6%
360+	0.2%	0.3%	0.2%	0.2%
Total	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	5.5%	7.9%	4.3%	3.1%
Cumul. DOS, pts. with a 100+ day R.R. stay, mean	169.09	180.65	150.16	184.47
<i>SD</i>	74.40	75.58	69.06	76.68
Res Rehab pts. with 150+ day Res Rehab stay, %	2.3%	3.8%	1.4%	1.8%
Cumul. DOS, pts. with a 150+ day R.R. stay, mean	236.03	242.76	227.27	220.22
<i>SD</i>	71.45	66.04	79.85	81.17
Other VISN cumu. DOS, mean	1.08	0.80	1.20	1.43
<i>SD</i>	6.16	5.28	6.33	7.71
Other station cumu. DOS, mean	3.29	2.84	3.52	3.76
<i>SD</i>	10.20	9.84	10.24	11.01

Table 3A: FY04 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

Entire Population		All	Schizophrenia	Bipolar	Other
		234588	92326	78963	63299
<u>Domiciliary and Vocational</u>					
(reported for those with some dom/voc care)					
Pts. with some dom/voc care, %		2.4%	2.0%	3.7%	1.3%
Number stays, mean		1.15	1.14	1.16	1.14
SD		0.41	0.40	0.42	0.39
Average LOS, mean		82.17	94.89	75.70	75.82
SD		87.93	107.68	74.87	76.43
Cumu. DOS, mean		90.87	103.03	84.72	84.65
SD		92.41	111.00	80.03	83.16
Cumu. Days of Stay, %					
1 to 7		7.5%	8.7%	7.0%	6.8%
8 to 14		5.5%	5.5%	5.4%	5.5%
15 to 44		29.6%	29.0%	29.7%	30.5%
45 to 89		20.7%	18.7%	21.8%	21.6%
90 to 179		22.1%	19.0%	23.8%	23.5%
180 to 359		10.1%	9.8%	10.5%	9.5%
360+		4.5%	9.4%	1.8%	2.6%
Total		100.0%	100.0%	100.0%	100.0%
Dom. pts. with 100+ day Dom. stay, %		30.1%	32.7%	28.9%	28.4%
Cumul. DOS, pts. with a 100+ day Dom. stay, mean		203.51	234.16	185.11	188.87
SD		89.24	101.24	74.88	81.11
Dom. pts. with 150+ day Dom. stay, %		17.0%	21.3%	14.7%	15.5%
Cumul. DOS, pts. with a 150+ day Dom. stay, mean		259.28	289.17	236.88	239.78
SD		79.40	81.02	69.26	75.81
Other VISN cumu. DOS, mean		1.65	1.31	1.87	1.66
SD		8.90	8.11	9.37	8.93
Other station cumu. DOS, mean		3.81	3.30	4.14	3.83
SD		13.60	12.91	14.02	13.58

Table 3A: FY04 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

		All	Schizophrenia	Bipolar	Other
Entire Population		234588	92326	78963	63299
<u>Nursing Home Care</u>					
(reported for those with some nursing home care)					
Pts. with some nursing home care, %		4.7%	5.2%	2.1%	7.4%
Number stays, mean		1.22	1.19	1.19	1.27
SD		0.60	0.57	0.53	0.65
Average LOS, mean		106.23	154.36	100.60	59.49
SD		124.61	143.05	120.44	79.71
Cumul. DOS, mean		116.08	165.08	109.20	68.89
SD		127.13	143.66	122.44	85.86
Cumul. Days of Stay, %					
1 to 7		8.6%	5.9%	10.0%	10.8%
8 to 14		10.3%	6.1%	9.1%	14.9%
15 to 44		26.8%	19.6%	27.7%	33.7%
45 to 89		16.0%	14.7%	16.7%	17.2%
90 to 179		13.4%	14.0%	14.0%	12.5%
180 to 359		10.6%	13.3%	9.6%	8.3%
360+		14.4%	26.4%	12.9%	2.7%
Total		100.0%	100.0%	100.0%	100.0%
NH pts. with 100+ day NH stay, %		34.1%	49.5%	32.0%	19.1%
Cumul. DOS, pts. with a 100+ day NH stay, mean		270.24	291.78	263.08	218.07
SD		98.32	94.25	99.95	87.07
NH pts. with 150+ day NH stay, %		26.6%	41.1%	24.7%	12.6%
Cumul. DOS, pts. with a 150+ day NH stay, mean		307.89	323.22	301.68	261.31
SD		74.29	67.05	78.03	74.61
Other VISN cumul. DOS, mean		0.27	0.31	0.31	0.21
SD		4.00	3.97	4.49	3.86
Other station cumul. DOS, mean		0.97	1.07	1.18	0.78
SD		7.78	7.96	8.71	7.23

Table 3A: FY04 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

	All	Schizophrenia	Bipolar	Other
Entire Population	234588	92326	78963	63299
<u>Outpatient utilization</u>				
(reported for those with some outpatient care)				
Pts. with some outpatient care, %	99.0%	98.0%	99.5%	99.7%
annual visit days, mean	23.81	27.20	23.65	19.15
SD	30.54	36.43	28.00	22.64
Outpatient visit days, %				
1-12	43.9%	42.0%	42.1%	49.0%
13-24	26.8%	25.8%	27.5%	27.2%
25-36	12.3%	12.4%	12.7%	11.7%
37-48	6.0%	5.9%	6.6%	5.4%
49+	11.0%	13.9%	11.1%	6.7%
Total	100.0%	100.0%	100.0%	100.0%
% of Outpatients who had some Primary Care (PC)	82.5%	77.3%	83.4%	88.6%
Mean PC visit days, among those with some PC	3.88	3.74	3.85	4.08
SD	3.71	3.86	3.44	3.81
Average number clinic stops per visit day, mean	1.47	1.44	1.48	1.52
SD	0.46	0.45	0.44	0.51
annual clinic stops (psych & non-psych), mean	36.01	40.25	36.40	29.44
SD	51.95	60.93	49.75	38.15
annual non-psych. clinic stops, mean	20.45	19.00	20.03	23.05
SD	24.79	25.45	22.29	26.52
annual psych. clinic stops (specific groupings below), mean	15.56	21.25	16.38	6.39
SD	39.31	47.76	37.33	23.41
1. general psych. clinic stops, mean	6.76	9.00	7.33	2.82
SD	13.04	15.95	12.26	7.13
2. psych. case management clinic stops, mean	1.43	2.99	0.69	0.13
SD	11.55	16.59	7.98	3.20
3. psych. day treatment clinic stops, mean	2.27	4.25	1.44	0.46
SD	19.27	26.72	14.95	7.36
4. substance abuse clinic stops, mean	2.95	2.55	4.31	1.83
SD	17.39	16.26	20.20	14.88
5. psych. vocational clinic stops, mean	1.29	1.82	1.33	0.47
SD	12.97	16.32	12.03	7.47
6. PTSD clinic stops, mean	0.51	0.33	0.75	0.46
SD	4.49	3.69	5.41	4.26
7. psych. homeless clinic stops, mean	0.37	0.38	0.49	0.20
SD	2.88	2.84	3.41	2.10
8. MH medical education clinic stops, mean	0.05	0.06	0.07	0.03
SD	0.62	0.72	0.64	0.42
Other VISN OP visit days, mean	0.36	0.30	0.48	0.29
SD	2.28	2.02	2.74	1.97
Other station OP visit days, mean	0.88	0.80	1.14	0.68
SD	3.74	3.50	4.38	3.14

Table 3B: FY04 All Patients, Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Hospital Based Utilization</u>												
Patients with some Hospital Based Utilization, %	26.7%	26.8%	23.2%	26.7%	22.7%	31.8%	29.1%	26.4%	23.1%	32.6%	27.4%	26.9%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)												
Inpatient stays, mean	1.84	1.90	1.86	1.79	1.73	2.16	1.86	1.76	1.84	1.87	1.92	1.85
SD	1.45	1.60	1.47	1.32	1.22	1.98	1.44	1.37	1.49	1.46	1.49	1.39
Average LOS, mean	12.49	22.69	10.05	20.55	17.30	12.35	15.85	12.91	8.10	12.68	8.77	18.64
SD	29.57	56.02	20.60	48.02	44.63	28.79	41.08	30.75	10.31	36.07	11.40	49.15
Cumulative DOS, mean	21.12	35.41	18.09	32.06	25.91	24.68	25.76	21.08	14.76	20.72	16.58	28.93
SD	39.49	70.05	31.55	59.46	52.14	45.81	49.44	39.79	20.20	43.14	22.28	57.38
Cumulative DOS, %												
1 to 7	40.9%	36.2%	42.1%	32.5%	37.2%	43.8%	37.1%	40.1%	46.7%	42.4%	41.5%	36.0%
8 to 14	21.8%	20.7%	23.2%	19.8%	21.5%	20.1%	20.7%	23.2%	21.9%	23.3%	21.9%	20.8%
15 to 44	27.4%	26.6%	26.9%	30.8%	29.7%	22.7%	29.9%	27.1%	25.5%	25.6%	28.9%	29.3%
45 to 89	6.6%	7.7%	5.3%	10.3%	6.9%	7.3%	7.5%	6.0%	4.8%	5.4%	6.4%	8.1%
90 to 179	2.1%	3.7%	1.5%	3.1%	2.1%	3.8%	2.6%	2.2%	0.9%	1.7%	1.2%	2.9%
180 to 359	0.8%	2.7%	0.8%	1.9%	1.5%	2.1%	1.1%	1.0%	0.2%	0.9%	0.2%	1.2%
360+	0.5%	2.4%	0.1%	1.6%	1.1%	0.2%	1.1%	0.4%	0.0%	0.8%	0.0%	1.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hospital patients with a 100+ day hospital stay, %	1.9%	6.4%	1.5%	4.1%	3.4%	3.7%	2.9%	2.4%	0.3%	2.0%	0.4%	3.8%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	241.95	268.49	222.05	275.81	269.75	206.83	261.97	221.63	195.71	275.22	200.00	275.64
SD	94.61	93.50	70.61	92.96	89.42	78.41	97.85	91.04	85.64	93.22	72.31	96.18
Hospital patients who had a 150+ day hosp. stay, %	1.2%	4.7%	0.9%	3.3%	2.7%	2.1%	2.1%	1.4%	0.1%	1.5%	0.2%	2.8%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	292.85	306.44	267.46	307.23	297.49	254.64	309.11	279.84	280.17	315.94	245.33	317.37
SD	75.76	73.27	47.36	70.93	75.82	67.13	73.05	74.38	55.65	62.94	70.23	71.08
Cumulative DOS at Other VISNs	0.52	0.24	0.92	0.56	0.36	0.97	0.36	0.65	0.35	0.69	0.49	0.40
SD	3.92	2.21	5.93	3.94	2.94	6.35	3.11	3.99	2.58	4.96	3.52	2.86
Cumulative DOS at Other Stations	1.72	2.76	0.92	2.21	2.28	2.77	1.97	2.42	0.74	1.10	1.71	2.11
SD	7.22	9.12	5.93	8.83	7.34	10.44	7.40	8.78	3.67	6.19	6.32	7.56

Table 3B: FY04 All Patients, Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Hospital Based Utilization</u>											
Patients with some Hospital Based Utilization, %	26.7%	28.7%	31.2%	28.3%	27.4%	28.3%	26.8%	26.3%	24.2%	22.9%	26.5%
<u>Hospital based utilization: Overall</u>											
(psych & non-psych- for those with some hosp.util.)											
Inpatient stays, mean	1.84	1.85	1.94	1.78	1.80	1.93	1.90	1.72	1.83	1.72	1.84
SD	1.45	1.47	1.51	1.34	1.38	1.57	1.49	1.24	1.46	1.26	1.44
Average LOS, mean	12.49	10.82	10.97	11.62	10.89	6.76	12.40	8.58	10.21	13.48	7.08
SD	29.57	24.15	20.85	15.94	17.31	7.69	21.61	14.14	14.95	20.79	8.65
Cumulative DOS, mean	21.12	18.29	20.51	20.14	19.94	13.34	22.27	14.17	18.18	22.14	12.67
SD	39.49	32.83	34.61	27.87	35.67	19.42	33.12	20.21	26.37	33.72	17.03
Cumulative DOS, %											
1 to 7	40.9%	39.9%	40.1%	39.2%	40.8%	49.1%	39.8%	43.8%	41.7%	38.7%	51.0%
8 to 14	21.8%	23.8%	22.2%	19.9%	23.2%	23.5%	19.5%	26.7%	20.4%	19.4%	22.4%
15 to 44	27.4%	28.9%	28.0%	29.8%	26.7%	22.9%	27.5%	24.4%	28.6%	29.2%	22.4%
45 to 89	6.6%	5.1%	6.2%	8.2%	6.6%	3.3%	8.9%	4.2%	7.1%	8.7%	3.5%
90 to 179	2.1%	1.4%	2.7%	2.4%	1.8%	1.0%	3.6%	0.7%	1.8%	3.0%	0.7%
180 to 359	0.8%	0.5%	0.7%	0.5%	0.7%	0.2%	0.6%	0.1%	0.4%	0.9%	0.0%
360+	0.5%	0.3%	0.2%	0.0%	0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hospital patients with a 100+ day hospital stay, %	1.9%	1.3%	1.7%	1.0%	1.3%	0.2%	1.6%	0.5%	0.8%	2.0%	0.3%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	241.95	238.42	208.53	181.07	241.51	177.00	182.86	184.62	190.00	186.35	152.75
SD	94.61	98.05	83.49	58.41	99.70	100.32	70.29	81.80	73.66	71.36	70.44
Hospital patients who had a 150+ day hosp. stay, %	1.2%	0.8%	0.9%	0.3%	0.7%	0.0%	0.6%	0.2%	0.3%	0.7%	0.1%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	292.85	284.88	259.30	220.33	311.57	342.00	238.40	229.33	255.50	237.09	245.50
SD	75.76	80.65	79.88	63.34	64.43	0.00	85.97	83.83	72.10	76.51	103.94
Cumulative DOS at Other VISNs	0.52	0.26	0.54	0.43	0.63	0.69	0.51	0.59	0.47	0.59	0.72
SD	3.92	2.02	4.68	3.19	5.06	4.05	3.25	4.85	3.01	4.26	5.29
Cumulative DOS at Other Stations	1.72	2.02	0.69	1.24	1.37	1.76	3.10	1.66	2.16	1.36	1.32
SD	7.22	6.56	5.35	6.22	7.24	6.65	11.07	6.81	7.29	7.21	5.96

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Hospital based utilization: Non-Psych</u>												
(non-psych- for those with some hosp.based util.)												
Pts. with non-psych hospital stays, %	14.6%	13.8%	13.3%	14.9%	12.5%	15.7%	13.2%	14.0%	14.8%	19.4%	14.3%	13.3%
Inpatient stays, mean	0.92	0.84	0.98	0.93	0.89	0.85	0.74	0.85	1.08	1.05	0.91	0.88
SD	1.24	1.18	1.28	1.18	1.15	1.24	1.16	1.15	1.31	1.36	1.29	1.32
Average LOS, mean	7.52	8.94	6.36	11.05	7.39	6.28	10.82	8.14	7.91	8.22	6.39	6.45
SD	14.37	18.01	9.07	22.51	18.37	6.91	28.20	15.30	11.86	17.23	7.68	9.43
Cumulative Days of Stay, mean	6.93	7.58	6.55	10.14	6.42	5.37	7.53	7.12	8.62	8.24	6.01	5.72
SD	17.88	21.56	15.96	26.69	19.10	10.90	24.66	18.69	17.99	19.25	13.30	13.96
Cumulative Days of Stay, %												
0	45.2%	48.5%	42.9%	44.1%	45.0%	50.6%	54.5%	47.0%	36.0%	40.5%	47.8%	50.8%
1 to 7	30.9%	27.0%	32.7%	26.1%	32.8%	28.0%	23.4%	29.9%	34.8%	31.7%	29.9%	28.5%
8 to 14	10.5%	11.0%	11.3%	11.1%	10.6%	9.6%	8.1%	9.7%	12.0%	11.3%	9.2%	8.9%
15 to 44	10.9%	10.5%	11.0%	13.9%	9.8%	10.2%	10.7%	10.6%	13.8%	12.9%	11.1%	9.5%
45 to 89	1.9%	2.2%	1.6%	3.4%	1.2%	1.4%	2.4%	2.1%	2.8%	2.5%	1.7%	2.1%
90 to 179	0.4%	0.5%	0.3%	0.9%	0.3%	0.2%	0.5%	0.5%	0.6%	0.8%	0.3%	0.2%
180 to 359	0.1%	0.4%	0.1%	0.3%	0.1%	0.0%	0.2%	0.2%	0.1%	0.2%	0.0%	0.0%
360+	0.0%	0.0%	0.1%	0.2%	0.1%	0.0%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.3%	0.5%	0.2%	0.7%	0.4%	0.0%	0.5%	0.4%	0.2%	0.4%	0.1%	0.1%
Cumul. DOS, pts.with a 100+ day hosp. stay, mean	219.25	221.88	236.67	237.28	241.75	0.00	286.33	198.13	201.00	189.85	215.00	206.25
SD	90.62	76.18	114.26	104.92	93.16	0.00	96.59	81.79	85.86	91.05	93.34	106.10
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.2%	0.3%	0.1%	0.4%	0.3%	0.0%	0.4%	0.2%	0.1%	0.2%	0.0%	0.1%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	277.86	278.00	282.00	295.67	263.50	0.00	324.64	246.88	279.17	272.20	281.00	263.00
SD	75.73	51.52	117.38	75.80	86.04	0.00	79.17	67.71	56.15	84.57	0.00	144.25
Other VISN cumulative DOS, mean	0.15	0.05	0.22	0.22	0.16	0.17	0.12	0.10	0.13	0.28	0.09	0.14
SD	2.07	1.16	3.60	2.45	1.54	1.81	2.22	1.43	1.67	2.88	1.30	1.83
Other station cumulative DOS, mean	0.54	0.86	0.22	1.03	0.54	0.39	0.49	0.54	0.31	0.33	0.60	0.75
SD	3.74	4.56	3.60	5.79	2.67	2.54	3.46	3.29	2.44	3.00	3.50	3.63

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Hospital based utilization: Non-Psych</u>											
(non-psych- for those with some hosp.based util.)											
Pts. with non-psych hospital stays, %	14.6%	15.2%	17.1%	15.1%	15.0%	18.4%	16.4%	13.9%	13.1%	11.6%	15.2%
Inpatient stays, mean	0.92	0.89	0.98	0.89	0.89	1.10	1.07	0.87	0.85	0.82	0.96
SD	1.24	1.19	1.32	1.27	1.19	1.30	1.37	1.18	1.11	1.16	1.24
Average LOS, mean	7.52	7.19	6.26	7.48	8.34	5.37	6.55	6.21	7.21	8.40	5.31
SD	14.37	11.02	10.09	11.53	14.37	6.83	9.20	13.81	15.84	15.62	5.38
Cumulative Days of Stay, mean	6.93	6.47	6.49	6.64	7.54	6.23	7.14	5.49	5.97	6.88	5.19
SD	17.88	16.60	18.14	14.99	19.20	13.13	14.30	15.19	17.00	20.29	10.13
Cumulative Days of Stay, %											
0	45.2%	46.9%	45.1%	46.6%	45.4%	35.0%	38.7%	47.2%	45.8%	49.2%	42.7%
1 to 7	30.9%	30.5%	32.1%	29.6%	29.4%	40.0%	35.5%	32.5%	33.1%	28.8%	36.3%
8 to 14	10.5%	10.2%	10.5%	9.7%	11.0%	13.5%	11.9%	9.8%	10.5%	9.5%	11.4%
15 to 44	10.9%	9.9%	10.3%	11.8%	11.1%	10.1%	11.7%	9.0%	8.7%	9.9%	8.2%
45 to 89	1.9%	1.9%	1.4%	1.8%	2.3%	1.1%	1.6%	1.2%	1.4%	2.0%	1.2%
90 to 179	0.4%	0.4%	0.4%	0.4%	0.7%	0.2%	0.7%	0.2%	0.3%	0.4%	0.2%
180 to 359	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	0.2%	0.3%	0.0%
360+	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.3%	0.2%	0.4%	0.2%	0.4%	0.1%	0.1%	0.1%	0.4%	0.5%	0.0%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	219.25	204.86	219.77	188.56	210.00	220.67	141.50	269.25	193.70	222.67	136.00
SD	90.62	88.11	98.36	78.95	89.72	113.92	10.61	94.00	87.05	87.51	0.00
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.2%	0.1%	0.2%	0.1%	0.2%	0.0%	0.0%	0.1%	0.2%	0.3%	0.0%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	277.86	258.67	274.88	227.00	284.80	342.00	0.00	328.50	255.80	262.40	0.00
SD	75.73	95.82	86.26	119.53	61.50	0.00	0.00	51.62	85.77	76.33	0.00
Other VISN cumulative DOS, mean	0.15	0.04	0.19	0.13	0.09	0.25	0.16	0.14	0.09	0.24	0.20
SD	2.07	0.59	3.29	2.10	0.97	2.16	2.11	1.93	1.02	3.04	2.33
Other station cumulative DOS, mean	0.54	0.67	0.26	0.44	0.20	0.64	1.00	0.68	0.61	0.52	0.55
SD	3.74	4.02	3.86	4.32	1.63	3.49	5.34	4.04	3.23	4.94	3.05

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Hospital based utilization: Psychiatric</u>												
(psych- for those with some hosp.based util.)												
Pts. with psych hospital stays, %	14.6%	15.8%	12.1%	14.1%	12.4%	19.5%	18.3%	14.6%	10.4%	16.5%	16.1%	16.3%
Inpatient stays, mean	0.92	1.06	0.89	0.86	0.84	1.31	1.12	0.91	0.76	0.82	1.00	0.97
SD	1.27	1.46	1.33	1.16	1.10	1.90	1.39	1.27	1.24	1.17	1.29	1.16
Average LOS, mean	17.12	34.01	13.93	29.73	26.25	17.03	19.11	17.01	8.22	17.34	10.66	27.59
SD	37.96	72.24	27.50	61.76	56.96	38.40	46.80	38.66	7.70	47.42	13.44	61.85
Cumulative Days of Stay, mean	14.19	27.84	11.53	21.92	19.49	19.31	18.23	13.95	6.14	12.48	10.57	23.21
SD	37.07	67.87	29.16	56.29	50.63	45.86	45.21	37.13	12.70	40.58	20.12	57.32
Cumulative Days of Stay, %												
0	45.2%	40.9%	48.0%	47.1%	45.5%	38.6%	37.1%	44.7%	55.2%	49.5%	41.0%	39.5%
1 to 7	17.9%	16.6%	16.9%	12.8%	12.6%	24.9%	19.6%	17.0%	20.1%	19.0%	21.4%	15.3%
8 to 14	13.3%	12.4%	14.1%	10.8%	12.5%	11.5%	14.7%	15.7%	11.4%	14.0%	15.0%	13.9%
15 to 44	16.7%	17.0%	15.9%	17.8%	20.3%	13.9%	20.0%	16.4%	11.4%	12.8%	17.3%	20.1%
45 to 89	4.3%	5.5%	3.1%	6.6%	5.1%	5.4%	4.8%	3.5%	1.7%	2.6%	4.4%	5.9%
90 to 179	1.5%	3.0%	1.2%	2.1%	1.7%	3.5%	2.1%	1.6%	0.2%	0.7%	0.7%	2.6%
180 to 359	0.7%	2.5%	0.8%	1.5%	1.4%	2.1%	0.9%	0.8%	0.0%	0.8%	0.1%	1.1%
360+	0.4%	2.0%	0.0%	1.4%	1.0%	0.2%	0.9%	0.4%	0.0%	0.7%	0.0%	1.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	1.6%	6.0%	1.3%	3.4%	2.9%	3.7%	2.5%	2.0%	0.0%	1.6%	0.3%	3.7%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	242.90	264.46	215.26	281.46	272.63	204.84	254.92	225.31	113.00	297.22	194.44	276.30
SD	94.96	93.17	68.65	89.60	89.61	77.76	99.19	92.91	0.00	81.08	73.87	96.98
Hosp. Pts. with a 150+ day psych hosp.stay, %	1.1%	4.4%	0.8%	2.8%	2.3%	2.1%	1.7%	1.1%	0.0%	1.3%	0.2%	2.7%
Cumul. DOS, pts.with a 150+ day hosp. stay, mean	292.98	301.85	263.64	307.39	302.03	252.16	303.54	285.93	0.00	320.90	237.20	318.47
SD	75.60	73.91	36.00	71.33	73.72	66.54	74.73	74.57	0.00	59.59	74.69	69.92
Other VISN cumulative DOS, mean	0.37	0.19	0.70	0.34	0.21	0.80	0.24	0.56	0.22	0.41	0.40	0.25
SD	3.26	1.82	4.63	3.06	2.48	6.08	2.14	3.70	1.95	3.86	3.24	2.19
Other station cumulative DOS, mean	1.18	1.89	0.70	1.17	1.74	2.37	1.47	1.87	0.43	0.78	1.11	1.36
SD	6.12	7.88	4.63	6.66	6.90	10.07	6.61	8.18	2.74	5.29	5.24	6.72

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Hospital based utilization: Psychiatric</u>											
(psych- for those with some hosp.based util.)											
Pts. with psych hospital stays, %	14.6%	16.1%	17.8%	15.8%	15.0%	13.1%	13.3%	14.7%	13.6%	13.3%	13.9%
Inpatient stays, mean	0.92	0.97	0.96	0.89	0.92	0.82	0.83	0.85	0.98	0.91	0.88
SD	1.27	1.36	1.24	1.15	1.25	1.33	1.23	1.08	1.35	1.11	1.25
Average LOS, mean	17.12	13.96	15.28	15.48	13.13	8.88	19.44	10.66	12.92	17.94	8.96
SD	37.96	31.62	27.55	18.81	18.96	9.14	28.55	13.60	13.63	24.47	10.97
Cumulative Days of Stay, mean	14.19	11.82	14.03	13.50	12.40	7.12	15.14	8.68	12.22	15.26	7.48
SD	37.07	30.15	31.69	26.19	32.09	15.82	32.17	15.76	22.28	29.52	15.55
Cumulative Days of Stay, %											
0	45.2%	44.0%	43.1%	44.3%	45.3%	53.6%	50.2%	44.2%	44.0%	41.9%	47.3%
1 to 7	17.9%	17.2%	18.0%	17.2%	18.7%	19.1%	12.5%	19.4%	17.1%	16.6%	24.0%
8 to 14	13.3%	15.9%	13.8%	12.0%	14.1%	12.6%	10.0%	18.1%	11.8%	12.1%	13.0%
15 to 44	16.7%	18.4%	17.8%	18.3%	16.1%	12.1%	17.2%	15.2%	20.6%	20.2%	13.2%
45 to 89	4.3%	2.9%	4.3%	5.9%	3.9%	2.0%	6.4%	2.6%	5.2%	6.3%	2.0%
90 to 179	1.5%	0.9%	2.2%	1.9%	1.0%	0.6%	3.0%	0.5%	1.2%	2.4%	0.5%
180 to 359	0.7%	0.4%	0.6%	0.4%	0.6%	0.1%	0.5%	0.0%	0.2%	0.6%	0.0%
360+	0.4%	0.3%	0.1%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	1.6%	1.1%	1.3%	0.8%	1.0%	0.1%	1.5%	0.3%	0.4%	1.5%	0.3%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	242.90	242.13	204.59	178.02	248.48	111.50	181.04	144.89	176.40	170.94	155.14
SD	94.96	97.68	79.89	55.03	103.54	0.71	74.07	39.63	67.34	60.57	75.73
Hosp. Pts. with a 150+ day psych hosp.stay, %	1.1%	0.7%	0.7%	0.3%	0.6%	0.0%	0.6%	0.1%	0.1%	0.4%	0.1%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	292.98	288.43	253.14	218.73	317.63	0.00	238.40	179.75	254.67	213.31	245.50
SD	75.60	80.18	79.07	53.32	64.28	0.00	85.97	31.47	59.00	66.10	103.94
Other VISN cumulative DOS, mean	0.37	0.22	0.35	0.29	0.54	0.43	0.35	0.45	0.38	0.36	0.51
SD	3.26	1.93	3.24	2.33	4.95	3.21	2.44	4.42	2.68	2.94	4.45
Other station cumulative DOS, mean	1.18	1.35	0.44	0.80	1.17	1.12	2.11	0.98	1.55	0.83	0.77
SD	6.12	5.23	3.62	4.45	7.03	5.15	9.67	5.47	6.55	4.95	4.86

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
Other 24 hour institutional care												
Patients with some other 24 hour institutional care, %	8.3%	7.5%	11.9%	10.5%	10.7%	15.9%	6.9%	5.0%	4.7%	7.5%	15.2%	6.8%
Residential Rehabilitation												
(reported for those with some res rehab care)												
Patients with some residential rehab. care, %	1.6%	1.4%	1.0%	0.5%	5.3%	2.7%	0.3%	2.1%	0.1%	0.2%	1.5%	2.3%
Number stays, mean	1.12	1.17	1.15	1.11	1.05	1.12	1.05	1.08	1.09	1.04	1.20	1.09
SD	0.37	0.38	0.49	0.33	0.21	0.36	0.21	0.27	0.36	0.21	0.49	0.29
Average LOS, mean	35.64	25.75	33.05	32.55	57.02	47.40	27.65	41.49	51.61	10.10	17.40	48.61
SD	40.97	18.75	27.42	36.66	73.71	32.76	32.30	32.95	35.27	6.38	14.75	67.45
Cumulative DOS, mean	38.61	29.46	36.07	35.36	58.95	52.29	28.59	44.18	54.75	10.45	20.29	51.26
SD	43.27	20.74	28.96	39.91	74.65	36.35	32.50	34.33	36.58	6.47	18.27	67.80
Cumulative Days of Stay, %												
1 to 7	14.7%	9.4%	14.8%	16.2%	14.4%	10.1%	13.8%	17.1%	9.9%	38.0%	28.8%	16.5%
8 to 14	11.6%	13.1%	10.5%	19.2%	8.3%	5.8%	8.5%	6.6%	3.8%	44.6%	19.2%	7.1%
15 to 44	48.0%	61.9%	43.2%	39.1%	37.9%	33.8%	69.2%	36.8%	35.2%	17.4%	44.0%	50.6%
45 to 89	16.3%	13.1%	24.0%	14.3%	16.7%	33.5%	7.7%	25.0%	21.6%	0.0%	7.2%	8.2%
90 to 179	7.7%	2.5%	7.4%	10.2%	15.9%	16.9%	0.0%	14.5%	29.6%	0.0%	0.7%	12.9%
180 to 359	1.4%	0.0%	0.0%	1.1%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%
360+	0.2%	0.0%	0.0%	0.0%	1.5%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	1.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	5.5%	1.3%	3.1%	7.9%	18.9%	7.9%	0.8%	7.9%	8.0%	0.0%	0.2%	14.1%
Cumul. DOS, pts w/ 100+ day Res Rehab stay, mean	169.09	116.00	117.00	138.86	181.56	118.45	365.00	109.83	112.35	0.00	134.00	190.63
SD	74.40	5.66	8.98	29.23	88.58	21.48	0.00	8.38	11.38	0.00	0.00	82.53
Res Rehab patients with 150+ day Res Rehab stay, %	2.3%	0.0%	0.0%	1.9%	7.6%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%	7.6%
Cumul. DOS, patients with a 150+ day Res Rehab stay, mean	236.03	0.00	0.00	173.40	271.30	172.50	365.00	0.00	0.00	0.00	0.00	243.77
SD	71.45	0.00	0.00	26.73	74.71	6.36	0.00	0.00	0.00	0.00	0.00	78.94
Other VISN cumulative DOS, mean	1.08	0.54	2.25	0.26	0.73	0.90	0.12	5.11	0.31	3.97	0.19	0.74
SD	6.16	3.97	7.42	3.09	5.37	4.98	0.90	16.95	2.05	7.11	2.28	4.83
Other station cumulative DOS, mean	3.29	5.49	2.25	2.42	3.62	3.83	3.94	5.11	0.84	3.97	1.61	2.97
SD	10.20	10.12	7.42	7.53	9.70	11.77	10.08	16.95	3.84	7.11	5.14	11.14

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
Other 24 hour institutional care											
Patients with some other 24 hour institutional care, %	8.3%	13.5%	5.8%	4.1%	13.2%	7.9%	5.1%	8.3%	6.8%	5.9%	14.8%
<u>Residential Rehabilitation</u>											
(reported for those with some res rehab care)											
Patients with some residential rehab. care, %	1.6%	3.9%	0.5%	2.5%	5.3%	2.9%	1.0%	8.2%	1.4%	0.6%	0.6%
Number stays, mean	1.12	1.15	1.05	1.01	1.06	1.10	1.11	1.07	1.06	1.11	1.14
SD	0.37	0.40	0.22	0.12	0.24	0.30	0.33	0.26	0.24	0.33	0.41
Average LOS, mean	35.64	35.06	109.26	23.48	42.43	34.25	35.33	24.47	43.56	23.22	33.93
SD	40.97	22.17	97.66	12.18	62.34	32.56	22.31	20.22	27.33	20.91	22.66
Cumulative DOS, mean	38.61	39.83	115.73	24.01	43.96	37.80	38.38	25.75	46.08	25.00	37.59
SD	43.27	28.41	105.43	13.46	62.85	39.88	24.62	20.55	30.75	20.90	30.28
Cumulative Days of Stay, %											
1 to 7	14.7%	7.8%	14.5%	10.4%	12.0%	8.0%	9.2%	10.1%	10.2%	33.3%	8.0%
8 to 14	11.6%	6.6%	1.6%	10.4%	13.0%	6.0%	7.8%	12.1%	6.1%	11.1%	8.8%
15 to 44	48.0%	54.9%	21.0%	73.1%	55.0%	66.0%	54.6%	66.4%	36.7%	33.3%	58.6%
45 to 89	16.3%	25.1%	12.9%	6.0%	7.5%	10.0%	26.2%	9.4%	38.8%	22.2%	22.1%
90 to 179	7.7%	5.3%	25.8%	0.0%	6.5%	8.0%	2.1%	2.0%	8.2%	0.0%	1.6%
180 to 359	1.4%	0.3%	21.0%	0.0%	5.5%	2.0%	0.0%	0.0%	0.0%	0.0%	0.8%
360+	0.2%	0.0%	3.2%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	5.5%	2.5%	46.8%	0.0%	9.8%	8.0%	0.0%	2.0%	0.0%	0.0%	1.2%
Cumul. DOS, pts w/ 100+ day C.C. stay, mean	169.09	149.60	210.55	0.00	210.97	148.50	0.00	122.67	0.00	0.00	212.67
SD	74.40	46.39	76.56	0.00	74.92	44.86	0.00	27.59	0.00	0.00	129.44
Res Rehab patients with 150+ day Res Rehab stay, %	2.3%	0.8%	40.3%	0.0%	6.8%	2.0%	0.0%	0.7%	0.0%	0.0%	0.8%
Cumul. DOS, patients with a 150+ day C.C. stay, mean	236.03	192.00	224.84	0.00	247.48	215.00	0.00	154.00	0.00	0.00	268.00
SD	71.45	71.02	72.77	0.00	60.40	0.00	0.00	0.00	0.00	0.00	123.04
Other VISN cumulative DOS, mean	1.08	0.43	4.56	3.15	0.15	5.32	2.07	1.58	2.76	25.00	0.86
SD	6.16	3.39	13.14	9.64	1.83	10.90	10.22	9.19	7.93	20.90	6.72
Other station cumulative DOS, mean	3.29	5.47	4.56	5.51	1.67	5.52	5.94	3.31	3.04	25.00	3.46
SD	10.20	13.39	13.14	13.84	7.56	10.89	15.87	11.51	8.08	20.90	11.41

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Domiciliary and Vocational</u> (reported for those with some dom/voc care)												
Patients with some dom/voc care, %	2.4%	1.5%	3.6%	3.0%	3.6%	5.4%	1.9%	1.3%	0.3%	2.2%	5.1%	0.1%
Number stays, mean	1.15	1.23	1.26	1.28	1.14	1.13	1.05	1.09	1.07	1.15	1.20	1.00
SD	0.41	0.45	0.50	0.58	0.38	0.38	0.21	0.33	0.31	0.39	0.45	0.00
Average LOS, mean	82.17	92.71	77.63	67.81	41.62	103.30	48.27	55.47	79.38	121.98	54.24	26.56
SD	87.93	81.90	50.94	53.18	44.63	102.66	47.97	44.53	63.26	116.81	57.23	16.80
Cumulative DOS, mean	90.87	116.35	95.13	81.70	47.59	111.93	49.69	59.35	83.98	133.46	64.08	26.56
SD	92.41	100.18	62.94	62.45	50.90	104.93	48.32	47.90	65.95	121.04	65.03	16.80
Cumulative Days of Stay, %												
1 to 7	7.5%	5.8%	3.1%	4.6%	10.0%	6.6%	9.5%	7.6%	3.3%	7.1%	9.9%	11.1%
8 to 14	5.5%	5.2%	4.0%	2.0%	9.6%	2.6%	5.5%	6.5%	5.0%	6.7%	5.9%	11.1%
15 to 44	29.6%	19.8%	19.9%	30.3%	50.4%	20.5%	43.0%	33.7%	30.0%	14.8%	37.5%	55.6%
45 to 89	20.7%	19.2%	24.3%	25.0%	11.5%	24.6%	29.5%	26.6%	21.7%	21.4%	21.9%	22.2%
90 to 179	22.1%	25.0%	34.1%	31.6%	15.4%	26.6%	11.5%	22.3%	30.0%	21.0%	18.4%	0.0%
180 to 359	10.1%	20.9%	14.6%	6.6%	3.0%	10.4%	0.0%	3.3%	10.0%	17.1%	5.1%	0.0%
360+	4.5%	4.1%	0.0%	0.0%	0.0%	8.7%	1.0%	0.0%	0.0%	11.9%	1.3%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. patients with 100+ day Dom. stay, %	30.1%	44.2%	37.6%	28.9%	14.5%	37.9%	11.0%	16.8%	35.0%	44.3%	18.4%	0.0%
Cumul. DOS, patients with a 100+ day Dom. stay, mean	203.51	208.00	161.31	155.15	153.01	215.16	148.86	137.97	159.90	244.09	172.27	0.00
SD	89.24	80.40	39.98	52.15	32.18	100.40	72.91	36.90	40.19	98.71	67.18	0.00
Dom. patients with 150+ day Dom. stay, %	17.0%	22.7%	15.9%	9.9%	6.2%	21.1%	3.0%	4.9%	18.3%	31.0%	8.4%	0.0%
Cumul. DOS, pts w/ a 150+ day Dom. stay, mean	259.28	260.49	188.36	202.73	181.14	283.44	230.83	186.22	189.18	292.05	219.00	0.00
SD	79.40	73.62	31.64	55.82	25.75	82.26	104.14	24.20	27.84	74.97	71.41	0.00
Other VISN cumulative DOS, mean	1.65	1.42	6.63	4.24	0.78	2.53	2.10	2.55	4.22	1.47	0.61	26.56
SD	8.90	6.63	17.49	15.31	5.84	9.22	10.25	10.12	12.79	9.04	4.43	16.80
Other station cumulative DOS, mean	3.81	8.81	6.63	9.32	6.01	4.67	2.27	4.49	5.00	1.79	1.70	26.56
SD	13.60	24.20	17.49	22.38	13.84	14.42	10.35	13.20	13.86	9.34	8.14	16.80

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Domiciliary and Vocational</u> (reported for those with some dom/voc care)											
Patients with some dom/voc care, %	2.4%	4.1%	1.9%	1.4%	5.0%	2.1%	0.3%	4.2%	0.5%	2.0%	5.2%
Number stays, mean	1.15	1.12	1.08	1.17	1.14	1.15	1.00	1.10	1.04	1.06	1.19
SD	0.41	0.34	0.33	0.49	0.38	0.40	0.00	0.33	0.19	0.26	0.50
Average LOS, mean	82.17	107.82	101.84	64.47	126.98	67.61	23.58	119.09	57.90	82.89	61.18
SD	87.93	103.89	89.93	61.33	120.79	51.05	21.95	114.78	45.10	78.51	80.05
Cumulative DOS, mean	90.87	116.48	108.00	72.82	137.11	77.25	23.58	127.32	58.94	85.54	67.39
SD	92.41	108.20	92.84	69.21	121.98	61.81	21.95	118.10	44.99	79.31	80.71
Cumulative Days of Stay, %											
1 to 7	7.5%	6.1%	7.5%	8.7%	3.9%	4.6%	42.1%	6.0%	7.7%	10.5%	11.5%
8 to 14	5.5%	4.4%	5.0%	6.4%	3.5%	4.6%	0.0%	5.1%	7.7%	9.1%	6.2%
15 to 44	29.6%	25.9%	17.4%	31.7%	19.8%	24.1%	31.6%	28.4%	36.5%	21.4%	38.4%
45 to 89	20.7%	15.4%	21.4%	23.0%	23.2%	26.7%	26.3%	14.1%	17.3%	20.0%	20.3%
90 to 179	22.1%	24.9%	28.9%	21.1%	20.2%	35.9%	0.0%	15.7%	28.8%	26.0%	16.4%
180 to 359	10.1%	15.1%	15.9%	8.7%	15.0%	3.1%	0.0%	22.2%	1.9%	12.6%	2.8%
360+	4.5%	8.3%	4.0%	0.4%	14.4%	1.0%	0.0%	8.5%	0.0%	0.4%	4.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. patients with 100+ day Dom. stay, %	30.1%	43.2%	42.8%	26.0%	41.8%	18.5%	0.0%	44.1%	17.3%	33.3%	17.1%
Cumul. DOS, patients with a 100+ day Dom. stay, mean	203.51	215.75	191.77	170.39	256.67	159.69	0.00	240.75	133.00	178.07	203.89
SD	89.24	93.03	79.60	61.03	97.53	81.46	0.00	87.91	21.47	64.06	106.99
Dom. patients with 150+ day Dom. stay, %	17.0%	27.8%	25.4%	12.5%	31.5%	4.6%	0.0%	33.7%	1.9%	17.2%	8.1%
Cumul. DOS, pts w/ a 150+ day Dom. stay, mean	259.28	263.96	235.82	215.58	295.96	273.89	0.00	273.90	182.00	227.45	298.32
SD	79.40	80.54	72.10	56.81	77.64	85.77	0.00	72.59	0.00	52.02	81.68
Other VISN cumulative DOS, mean	1.65	0.69	2.95	1.53	0.02	1.29	23.58	0.10	5.63	0.40	0.91
SD	8.90	6.13	15.48	6.29	0.49	10.54	21.95	1.18	16.19	3.49	6.16
Other station cumulative DOS, mean	3.81	5.62	3.19	2.82	0.77	2.59	23.58	2.39	7.48	1.42	1.92
SD	13.60	15.64	15.60	9.89	6.86	13.92	21.95	12.27	19.50	8.18	8.01

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Nursing Home Care</u>												
(reported for those with some nursing home care)												
Patients with some nursing home care, %	4.7%	5.2%	6.0%	5.5%	6.4%	7.1%	3.9%	3.2%	3.5%	4.6%	7.0%	5.1%
Number stays, mean	1.22	1.30	1.33	1.09	1.21	1.20	1.16	1.12	1.22	1.21	1.22	1.20
SD	0.60	0.76	0.67	0.38	0.53	0.49	0.43	0.35	0.54	0.53	0.59	0.54
Average LOS, mean	106.23	120.85	78.32	196.05	126.32	95.59	124.98	135.10	82.76	78.64	88.33	144.05
SD	124.61	136.66	105.65	145.15	138.55	116.26	134.73	129.42	105.97	104.54	98.26	137.44
Cumulative DOS, mean	116.08	132.92	90.43	201.98	134.06	106.05	131.74	143.32	92.24	87.39	100.06	154.52
SD	127.13	138.76	109.40	144.80	138.55	120.58	135.34	130.97	110.61	109.41	103.37	137.65
Cumulative Days of Stay, %												
1 to 7	8.6%	9.4%	10.2%	3.8%	9.9%	10.0%	9.1%	2.7%	7.5%	8.8%	5.7%	7.4%
8 to 14	10.3%	8.9%	12.0%	5.4%	7.8%	11.5%	11.4%	8.3%	17.2%	9.0%	6.0%	6.1%
15 to 44	26.8%	27.1%	29.4%	14.1%	24.6%	27.0%	20.5%	20.6%	28.4%	42.2%	27.9%	19.5%
45 to 89	16.0%	12.3%	19.0%	11.6%	14.6%	15.3%	14.3%	17.7%	15.8%	13.9%	22.8%	13.9%
90 to 179	13.4%	11.8%	12.0%	13.4%	11.9%	13.9%	15.3%	18.2%	14.0%	9.0%	20.1%	15.9%
180 to 359	10.6%	11.2%	8.0%	17.5%	11.6%	10.2%	10.6%	14.1%	9.1%	9.0%	9.6%	16.1%
360+	14.4%	19.3%	9.4%	34.3%	19.6%	12.0%	18.8%	18.4%	7.9%	8.1%	7.9%	21.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH patients with 100+ day NH stay, %	34.1%	40.4%	25.4%	62.8%	39.3%	32.2%	40.0%	45.7%	26.1%	22.0%	30.8%	48.4%
Cumul. DOS, patients with a 100+ day NH stay, mean	270.24	282.42	251.39	298.11	287.13	257.32	274.98	262.90	251.92	272.02	224.45	276.46
SD	98.32	96.10	99.96	89.44	94.61	97.19	99.52	100.46	98.00	90.63	100.60	96.05
NH patients with 150+ day NH stay, %	26.6%	32.4%	18.2%	55.4%	33.1%	24.2%	32.1%	34.8%	19.7%	17.5%	18.1%	38.1%
Cumul. DOS, pts w/ a 150+ day NH stay, mean	307.89	314.95	295.49	320.63	316.78	297.14	310.38	304.23	290.87	303.19	287.45	311.24
SD	74.29	72.71	81.56	68.34	70.61	76.53	76.35	76.39	78.66	72.20	80.99	71.93
Other VISN cumulative DOS, mean	0.27	0.32	0.13	0.19	0.03	0.35	0.14	0.62	0.16	0.21	0.09	0.22
SD	4.00	4.66	1.52	2.85	0.40	3.57	2.22	9.17	2.57	1.92	2.39	3.04
Other station cumulative DOS, mean	0.97	1.17	0.13	0.78	1.00	0.48	0.30	1.51	0.46	0.21	1.48	1.10
SD	7.78	8.69	1.52	7.06	8.61	4.08	2.96	12.03	5.12	1.92	9.18	7.05

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Nursing Home Care</u> (reported for those with some nursing home care)											
Patients with some nursing home care, %	4.7%	6.5%	3.5%	2.5%	5.8%	5.5%	2.8%	2.9%	5.9%	3.9%	7.7%
Number stays, mean	1.22	1.15	1.19	1.27	1.19	1.29	1.23	1.28	1.45	1.20	1.20
SD	0.60	0.44	0.51	0.62	0.43	0.56	0.57	0.79	1.24	0.50	0.54
Average LOS, mean	106.23	145.88	75.07	99.28	105.67	57.15	121.09	53.17	87.73	83.24	96.49
SD	124.61	151.14	101.17	117.88	119.49	84.51	131.17	78.44	111.08	100.12	122.71
Cumulative DOS, mean	116.08	153.29	83.15	111.81	118.30	66.09	131.52	60.05	101.12	96.10	105.44
SD	127.13	151.31	105.79	122.25	125.14	86.96	134.18	82.09	115.88	108.45	125.33
Cumulative Days of Stay, %											
1 to 7	8.6%	9.6%	9.2%	7.9%	7.6%	7.8%	10.6%	12.5%	12.2%	7.8%	12.4%
8 to 14	10.3%	9.0%	17.0%	11.2%	11.1%	17.0%	8.5%	14.8%	10.5%	7.9%	9.7%
15 to 44	26.8%	25.0%	28.6%	26.1%	23.7%	37.4%	22.9%	37.7%	25.1%	32.2%	27.5%
45 to 89	16.0%	11.0%	18.6%	19.0%	17.5%	15.6%	13.8%	17.2%	17.3%	19.0%	17.0%
90 to 179	13.4%	8.2%	10.8%	12.0%	15.0%	13.4%	12.2%	8.4%	14.4%	14.2%	12.0%
180 to 359	10.6%	8.7%	9.2%	11.6%	11.8%	4.6%	15.4%	6.4%	11.4%	10.7%	7.6%
360+	14.4%	28.6%	6.5%	12.2%	13.4%	4.2%	16.5%	3.0%	9.0%	8.1%	13.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH patients with 100+ day NH stay, %	34.1%	43.2%	21.9%	33.7%	33.1%	16.6%	39.4%	14.8%	31.4%	27.7%	28.8%
Cumul. DOS, pts w/a 100+ day NH stay, mean	270.24	312.76	255.46	260.80	272.66	225.53	278.23	227.61	245.63	244.57	279.91
SD	98.32	83.97	100.13	95.21	95.49	104.02	92.90	92.85	100.68	97.42	98.07
NH patients with 150+ day NH stay, %	26.6%	39.4%	16.2%	25.1%	26.6%	9.8%	33.5%	10.4%	22.6%	19.8%	22.5%
Cumul. DOS, pts w/ a 150+ day NH stay, mean	307.89	330.68	300.55	297.34	306.63	295.61	305.17	271.81	292.17	287.29	318.75
SD	74.29	63.52	73.24	78.47	73.00	77.61	71.84	73.95	77.65	79.38	69.94
Other VISN cumulative DOS, mean	0.27	0.21	0.02	1.52	0.45	0.30	0.29	0.54	0.01	0.24	0.06
SD	4.00	3.55	0.32	10.79	4.61	2.62	2.40	6.33	0.21	2.21	1.15
Other station cumulative DOS, mean	0.97	1.37	0.04	2.37	1.52	0.57	0.55	0.88	0.96	1.26	1.01
SD	7.78	8.05	0.48	13.43	11.23	4.11	4.28	6.96	6.92	7.38	9.13

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Outpatient utilization</u>												
(reported for those with some outpatient care)												
Patients with some outpatient care, %	99.0%	98.6%	98.9%	97.3%	98.2%	98.7%	98.7%	99.2%	99.6%	99.0%	99.3%	98.3%
annual visit days, mean	23.81	28.10	31.92	30.00	20.54	30.35	18.13	22.40	20.85	18.16	27.98	21.85
SD	30.54	35.35	39.88	38.92	28.03	40.60	21.80	27.37	22.91	21.18	33.52	30.18
Outpatient visit days, %												
1-12	43.9%	38.7%	35.0%	38.8%	49.9%	39.2%	51.4%	45.0%	43.0%	49.7%	38.4%	49.8%
13-24	26.8%	25.1%	26.9%	25.2%	26.2%	25.4%	27.5%	26.9%	30.4%	28.0%	25.7%	24.7%
25-36	12.3%	13.3%	13.5%	12.9%	11.4%	12.7%	10.7%	12.4%	13.1%	12.2%	13.2%	10.9%
37-48	6.0%	7.7%	6.6%	6.5%	4.4%	6.1%	4.7%	5.9%	6.0%	4.9%	6.7%	5.4%
49+	11.0%	15.2%	18.0%	16.7%	8.1%	16.6%	5.8%	9.7%	7.5%	5.3%	16.0%	9.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
% of Outpatients who had some Primary Care (PC)	82.5%	80.7%	87.0%	81.3%	78.3%	76.4%	82.5%	80.0%	85.1%	82.6%	84.2%	84.6%
Mean PC visit days, among those with some PC	3.88	3.75	4.05	3.47	3.32	4.22	3.85	3.65	4.16	3.60	4.14	3.47
SD	3.71	3.65	3.49	2.90	2.95	3.73	3.24	3.00	3.50	3.13	3.65	3.06
Average number clinic stops per visit day, mean	1.47	1.38	1.42	1.44	1.42	1.55	1.51	1.51	1.43	1.58	1.42	1.47
SD	0.46	0.39	0.42	0.45	0.44	0.44	0.46	0.49	0.43	0.51	0.42	0.43
annual clinic stops (psych & non-psych), mean	36.01	39.54	47.78	45.46	29.47	47.63	27.27	34.25	31.23	28.18	42.13	33.10
SD	51.95	51.09	67.61	70.55	41.72	67.13	34.59	48.12	43.12	32.64	57.46	49.06
annual non-psych. clinic stops, mean	20.45	20.59	24.44	21.29	16.98	25.65	17.92	20.01	21.14	20.31	19.41	18.09
SD	24.79	25.25	32.36	26.11	22.01	31.82	19.93	22.07	22.05	21.83	22.44	21.60

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Outpatient utilization</u>											
(reported for those with some outpatient care)											
Patients with some outpatient care, %	99.0%	98.0%	99.6%	99.5%	99.0%	99.7%	99.2%	99.7%	99.0%	99.5%	98.8%
annual visit days, mean	23.81	29.79	23.49	19.78	24.38	22.07	24.71	25.30	23.57	24.29	26.41
SD	30.54	41.49	33.19	24.38	31.04	22.46	26.43	29.20	28.21	32.91	34.14
Outpatient visit days, %											
1-12	43.9%	42.4%	45.4%	48.6%	43.3%	40.2%	39.7%	40.8%	42.4%	45.0%	43.3%
13-24	26.8%	24.0%	27.5%	28.2%	26.7%	29.4%	26.6%	25.6%	26.6%	25.7%	24.2%
25-36	12.3%	11.5%	11.7%	11.3%	12.5%	14.0%	13.5%	13.0%	13.3%	11.8%	11.4%
37-48	6.0%	5.7%	5.5%	4.7%	6.0%	7.3%	7.2%	7.0%	6.7%	6.2%	6.7%
49+	11.0%	16.4%	9.9%	7.2%	11.4%	9.1%	12.9%	13.6%	11.1%	11.4%	14.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Pts. with some OP primary care, %	82.5%	82.8%	84.7%	83.6%	86.4%	83.2%	86.0%	81.7%	82.6%	79.1%	78.6%
OP visit days with primary care clinic stops, mean	3.88	3.90	3.38	3.56	4.37	4.33	4.29	3.85	3.97	4.50	3.86
SD	3.71	3.43	3.40	2.86	3.89	3.88	5.73	3.85	4.21	4.57	5.79
Average number clinic stops per visit day, mean	1.47	1.59	1.52	1.53	1.50	1.47	1.41	1.41	1.37	1.42	1.67
SD	0.46	0.51	0.49	0.48	0.47	0.44	0.39	0.37	0.50	0.45	0.58
annual clinic stops (psych & non-psych), mean	36.01	49.49	37.58	30.16	35.72	33.12	35.72	35.62	32.49	36.44	46.70
SD	51.95	77.56	60.48	39.14	46.29	39.01	42.88	42.00	42.72	59.94	69.01
annual non-psych. clinic stops, mean	20.45	23.66	21.40	18.72	23.39	21.25	20.34	19.11	18.39	20.16	23.05
SD	24.79	27.17	30.45	20.58	27.56	22.80	21.20	22.07	20.26	31.51	31.17

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
annual psych. clinic stops (groupings below), mean	15.56	18.95	23.34	24.17	12.48	21.98	9.35	14.24	10.08	7.87	22.72	15.01
<i>SD</i>	39.31	38.47	49.12	58.90	31.35	48.83	23.82	35.17	30.98	21.87	47.61	38.64
1. general psych. clinic stops, mean	6.76	8.52	7.92	7.59	6.55	7.54	5.06	6.62	5.00	4.83	8.75	5.82
<i>SD</i>	13.04	15.41	10.91	11.63	10.35	17.30	7.63	10.65	8.55	8.09	14.88	13.33
2. psych. case management clinic stops, mean	1.43	2.12	3.32	2.11	1.05	1.33	1.15	1.61	0.52	0.21	2.91	2.25
<i>SD</i>	11.55	17.07	18.33	11.04	8.05	9.24	9.29	11.71	6.57	4.05	13.51	15.65
3. psych. day treatment clinic stops, mean	2.27	1.60	7.52	4.04	0.80	2.41	1.06	1.45	2.06	1.30	2.56	2.79
<i>SD</i>	19.27	10.31	35.21	27.51	11.12	12.28	10.83	16.61	21.32	13.99	17.45	18.21
4. substance abuse clinic stops, mean	2.95	3.45	2.97	5.65	2.64	6.49	0.95	2.28	1.82	1.08	5.69	1.98
<i>SD</i>	17.39	16.12	12.41	32.56	19.70	30.62	6.48	14.96	13.35	8.49	23.44	11.51
5. psych. vocational clinic stops, mean	1.29	2.39	0.62	3.61	0.80	2.87	0.71	1.28	0.35	0.19	1.69	1.46
<i>SD</i>	12.97	17.32	5.16	22.47	9.22	18.19	10.04	12.22	5.93	4.31	14.68	14.56
6. PTSD clinic stops, mean	0.51	0.66	0.63	0.73	0.40	0.84	0.18	0.81	0.15	0.10	0.57	0.33
<i>SD</i>	4.49	4.20	4.60	5.63	3.05	5.89	1.97	6.19	1.67	1.29	6.07	3.21
7. psych. homeless clinic stops, mean	0.37	0.42	0.34	0.54	0.26	0.55	0.22	0.18	0.15	0.14	0.59	0.35
<i>SD</i>	2.88	4.36	2.33	3.21	2.09	3.24	1.89	1.43	1.49	1.43	3.96	2.33
Other VISN OP visit days, mean	0.36	0.29	0.53	0.46	0.24	0.55	0.30	0.31	0.29	0.37	0.37	0.27
<i>SD</i>	2.28	2.12	3.13	3.24	1.64	3.11	2.13	2.01	1.71	2.12	2.45	1.66
Other station OP visit days, mean	0.88	1.39	0.53	1.10	1.10	1.27	0.80	0.94	0.54	0.51	1.00	1.11
<i>SD</i>	3.74	4.88	3.13	4.68	3.65	5.23	3.00	3.53	2.52	2.44	4.19	3.42

Table 3B: FY04 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
annual psych. clinic stops (groupings below), mean	15.56	25.82	16.17	11.44	12.33	11.87	15.38	16.51	14.10	16.29	23.64
<i>SD</i>	39.31	63.88	42.83	28.25	30.51	27.51	32.01	32.68	34.00	44.07	51.45
1. general psych. clinic stops, mean	6.76	9.06	7.01	4.84	5.92	7.74	7.21	6.70	7.18	6.71	10.52
<i>SD</i>	13.04	19.89	14.53	7.38	15.04	16.18	13.06	11.20	13.27	13.26	20.83
2. psych. case management clinic stops, mean	1.43	3.52	1.64	0.86	1.08	1.03	2.47	1.52	0.43	0.35	1.61
<i>SD</i>	11.55	22.55	15.93	7.79	9.74	11.10	12.71	10.11	5.11	4.29	9.82
3. psych. day treatment clinic stops, mean	2.27	3.23	1.49	1.51	1.14	0.33	2.03	3.12	1.70	4.64	3.75
<i>SD</i>	19.27	28.31	15.91	15.39	11.63	6.00	12.74	17.86	12.00	34.11	22.34
4. substance abuse clinic stops, mean	2.95	5.09	3.43	2.07	2.18	1.70	2.61	3.44	3.23	2.68	4.36
<i>SD</i>	17.39	27.68	16.01	11.39	12.08	9.50	13.94	13.62	21.88	13.79	19.93
5. psych. vocational clinic stops, mean	1.29	3.98	1.87	0.84	1.33	0.57	0.36	0.52	0.73	0.64	2.11
<i>SD</i>	12.97	26.07	17.01	9.13	10.96	7.18	6.76	6.92	10.42	8.14	17.54
6. PTSD clinic stops, mean	0.51	0.45	0.56	0.64	0.33	0.39	0.42	0.85	0.50	0.53	0.91
<i>SD</i>	4.49	4.45	4.35	5.85	2.83	2.81	2.98	5.29	4.37	4.52	7.64
7. psych. homeless clinic stops, mean	0.37	0.48	0.24	0.64	0.31	0.24	0.29	0.40	0.31	0.72	0.34
<i>SD</i>	2.88	4.41	1.68	4.75	2.04	1.65	2.07	2.55	3.08	2.77	2.68
Other VISN OP visit days, mean	0.36	0.31	0.35	0.32	0.39	0.47	0.48	0.38	0.31	0.37	0.47
<i>SD</i>	2.28	2.17	2.28	2.15	2.51	2.38	2.67	2.23	1.81	2.33	2.94
Other station OP visit days, mean	0.88	1.59	0.40	0.63	0.66	0.96	1.00	0.92	0.83	0.76	1.18
<i>SD</i>	3.74	6.43	2.43	2.96	3.37	3.64	3.95	3.56	3.04	3.36	4.85

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Hospital Based Utilization</u>												
Pts. with some Hosp. Based Utilization, %	26.5%	27.2%	24.1%	26.8%	25.6%	32.6%	29.7%	25.5%	22.0%	29.3%	29.5%	26.7%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)												
Inpatient stays, mean	1.87	1.91	2.01	1.81	1.77	2.27	1.96	1.79	1.78	1.84	1.96	1.80
SD	1.47	1.64	1.69	1.41	1.26	1.97	1.60	1.43	1.37	1.48	1.48	1.27
Average LOS, mean	17.33	37.16	13.36	28.32	24.15	16.02	23.15	17.08	8.68	22.49	9.80	28.79
SD	42.15	79.99	30.14	62.90	58.51	36.13	58.11	42.82	10.09	60.21	10.20	67.88
Cumu. DOS, mean	28.31	54.24	24.43	43.01	35.56	31.64	36.34	26.37	15.73	32.56	19.29	41.89
SD	53.12	95.34	43.46	76.29	67.31	56.00	67.15	50.49	21.32	66.36	25.31	76.06
Cumu. DOS, %												
1 to 7	35.6%	30.2%	36.0%	28.7%	32.9%	38.6%	29.9%	35.4%	44.7%	37.5%	36.9%	28.7%
8 to 14	20.6%	19.1%	21.4%	18.3%	18.2%	18.3%	19.5%	23.1%	21.5%	22.0%	20.3%	19.0%
15 to 44	29.3%	26.9%	30.2%	30.4%	31.7%	24.3%	33.0%	29.1%	27.4%	24.9%	32.4%	31.0%
45 to 89	8.6%	8.6%	8.0%	11.8%	9.0%	10.3%	9.1%	6.7%	5.1%	8.2%	8.7%	11.5%
90 to 179	3.3%	5.1%	2.3%	4.7%	3.8%	5.0%	3.9%	3.5%	1.1%	3.0%	1.4%	4.0%
180 to 359	1.5%	4.7%	1.8%	3.1%	2.4%	3.0%	2.1%	1.4%	0.3%	2.0%	0.3%	2.2%
360+	1.1%	5.5%	0.2%	3.0%	2.1%	0.5%	2.4%	0.8%	0.0%	2.3%	0.0%	3.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. pts. with a 100+ day Hosp. stay, %	3.6%	12.3%	3.0%	7.1%	5.8%	5.7%	5.4%	4.2%	0.2%	5.2%	0.6%	7.0%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	254.88	282.25	235.89	282.16	275.82	213.45	278.17	227.77	229.00	281.80	199.25	285.79
SD	95.68	91.55	68.95	91.77	89.78	86.29	94.98	95.34	81.88	93.17	72.37	94.02
Hosp. pts. who had a 150+ day hosp. stay, %	2.4%	9.5%	1.8%	5.8%	4.8%	3.4%	4.0%	2.4%	0.2%	4.1%	0.3%	5.3%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	302.82	316.58	282.73	311.88	300.24	267.38	323.41	294.03	262.33	317.73	253.75	322.25
SD	73.23	70.09	31.25	69.84	76.99	70.64	60.58	70.23	58.23	64.17	64.32	68.64
Cumu. DOS at Other VISNs	0.61	0.29	0.77	0.62	0.44	0.99	0.60	0.74	0.34	0.89	0.60	0.51
SD	4.74	2.45	6.17	4.39	3.76	7.29	4.52	4.23	2.53	6.00	4.30	3.47
Cumu. DOS at Other Stations	2.04	2.50	0.77	2.54	2.66	2.86	2.58	3.15	0.71	1.57	2.09	2.48
SD	8.50	8.56	6.17	10.51	8.52	11.11	8.99	11.16	3.82	7.94	7.19	8.99

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Hospital Based Utilization</u>											
Pts. with some Hosp. Based Utilization, %	26.5%	26.9%	30.3%	29.0%	27.4%	27.8%	25.5%	25.9%	23.0%	22.9%	24.9%
<u>Hospital based utilization: Overall</u>											
(psych & non-psych- for those with some hosp.util.)											
Inpatient stays, mean	1.87	1.89	1.94	1.81	1.85	2.05	2.03	1.73	1.85	1.74	1.88
SD	1.47	1.55	1.57	1.33	1.38	1.73	1.53	1.23	1.49	1.25	1.47
Average LOS, mean	17.33	13.13	12.92	13.71	14.07	8.41	18.51	9.76	11.86	17.21	8.19
SD	42.15	31.81	25.11	16.55	23.30	10.21	33.44	16.18	15.42	25.67	10.87
Cumu. DOS, mean	28.31	21.74	24.26	24.52	26.91	17.63	32.92	16.31	21.36	27.67	14.62
SD	53.12	39.71	42.14	32.15	49.46	27.73	46.18	23.88	29.78	38.31	18.09
Cumu. DOS, %											
1 to 7	35.6%	35.1%	37.4%	33.2%	36.2%	43.2%	29.8%	41.5%	37.8%	32.6%	45.7%
8 to 14	20.6%	25.3%	21.7%	19.8%	21.2%	22.3%	17.8%	26.3%	18.0%	18.6%	23.7%
15 to 44	29.3%	30.5%	29.1%	31.5%	28.4%	26.7%	29.3%	24.4%	31.7%	30.7%	24.2%
45 to 89	8.6%	5.6%	6.5%	11.0%	8.9%	5.1%	14.3%	6.7%	9.0%	11.6%	5.4%
90 to 179	3.3%	2.1%	3.7%	3.9%	3.1%	2.1%	6.9%	0.9%	3.0%	5.1%	1.1%
180 to 359	1.5%	1.0%	1.2%	0.7%	1.4%	0.5%	1.5%	0.2%	0.3%	1.3%	0.0%
360+	1.1%	0.5%	0.3%	0.0%	0.9%	0.0%	0.4%	0.0%	0.1%	0.1%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. pts. with a 100+ day Hosp. stay, %	3.6%	2.0%	3.0%	1.4%	2.6%	0.4%	3.8%	0.8%	1.0%	2.9%	0.5%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	254.88	241.05	207.34	176.67	260.92	219.33	190.75	183.57	195.33	180.64	118.25
SD	95.68	96.33	83.83	58.27	99.06	115.76	80.49	71.96	86.68	60.04	15.63
Hosp. pts. who had a 150+ day hosp. stay, %	2.4%	1.4%	1.5%	0.4%	1.7%	0.1%	1.7%	0.3%	0.3%	0.9%	0.0%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	302.82	285.00	262.50	216.50	316.06	342.00	247.00	203.00	282.33	214.73	0.00
SD	73.23	79.73	76.22	63.38	65.97	0.00	86.50	77.12	98.40	71.29	0.00
Cumu. DOS at Other VISNs	0.61	0.32	0.78	0.41	0.91	0.89	0.82	0.90	0.43	0.66	0.91
SD	4.74	2.67	6.82	3.02	7.15	4.94	4.78	7.18	2.63	4.34	7.45
Cumu. DOS at Other Stations	2.04	2.49	0.94	1.39	1.86	2.09	4.28	2.02	2.53	1.47	1.54
SD	8.50	8.23	7.55	6.24	9.98	7.06	14.39	8.54	8.59	7.22	8.07

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Hospital based utilization: Non-Psych</u>												
(non-psych- for those with some hosp.based util.)												
Pts. with non-psych hospital stays, %	12.1%	12.8%	11.8%	13.8%	12.2%	13.8%	10.1%	10.6%	12.8%	14.0%	12.8%	10.8%
Inpatient stays, mean	0.74	0.75	0.84	0.84	0.75	0.74	0.56	0.63	0.90	0.80	0.76	0.67
SD	1.13	1.12	1.30	1.17	1.06	1.23	1.15	0.97	1.15	1.26	1.19	1.08
Average LOS, mean	8.30	10.55	6.69	11.87	8.98	6.67	14.94	8.25	8.07	10.37	6.09	7.27
SD	17.94	22.81	12.09	24.87	26.59	8.20	41.55	18.08	11.74	25.64	7.01	11.04
Cumu. Days of Stay, mean	6.16	7.91	5.93	10.01	6.41	4.83	7.38	5.05	7.71	7.50	4.98	5.04
SD	19.51	26.26	19.04	29.63	23.99	10.62	29.86	15.06	18.28	21.73	13.57	15.87
Cumu. Days of Stay, %												
0	54.3%	53.1%	51.0%	48.4%	52.4%	57.6%	65.9%	58.5%	42.1%	52.1%	56.8%	59.7%
1 to 7	26.4%	23.8%	28.6%	24.3%	29.7%	23.5%	16.0%	24.6%	34.1%	26.9%	25.6%	23.2%
8 to 14	8.2%	10.3%	9.1%	10.3%	7.8%	8.3%	5.8%	7.3%	9.0%	8.3%	7.5%	7.4%
15 to 44	8.7%	9.7%	9.5%	12.5%	8.2%	8.6%	8.8%	7.6%	11.5%	8.5%	8.5%	7.5%
45 to 89	1.7%	2.1%	1.2%	2.8%	1.1%	2.0%	2.5%	1.5%	2.4%	2.9%	1.4%	2.0%
90 to 179	0.5%	0.3%	0.5%	1.2%	0.5%	0.1%	0.4%	0.4%	0.7%	0.9%	0.2%	0.2%
180 to 359	0.2%	0.8%	0.0%	0.3%	0.2%	0.0%	0.2%	0.1%	0.2%	0.2%	0.1%	0.0%
360+	0.1%	0.0%	0.2%	0.3%	0.2%	0.0%	0.4%	0.0%	0.0%	0.1%	0.0%	0.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.4%	1.0%	0.3%	0.9%	0.7%	0.0%	0.7%	0.4%	0.2%	0.7%	0.2%	0.2%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	227.53	234.75	255.50	242.23	243.64	0.00	322.25	173.17	229.00	184.29	215.00	221.33
SD	91.53	67.41	154.86	107.28	97.46	0.00	82.73	67.54	81.88	92.68	93.34	124.59
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.2%	0.6%	0.2%	0.6%	0.6%	0.0%	0.5%	0.2%	0.2%	0.3%	0.1%	0.1%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	280.76	268.88	365.00	294.89	268.22	0.00	364.00	223.67	262.33	268.33	281.00	365.00
SD	75.89	46.66	0.00	83.89	89.87	0.00	2.45	60.09	58.23	83.81	0.00	0.00
Other VISN cumu. DOS, mean	0.13	0.04	0.24	0.22	0.14	0.11	0.19	0.03	0.06	0.26	0.13	0.13
SD	2.28	0.69	5.24	2.75	1.58	1.51	3.28	0.54	0.90	3.03	1.66	1.97
Other station cumu. DOS, mean	0.52	0.83	0.24	1.19	0.45	0.28	0.66	0.39	0.19	0.32	0.67	0.64
SD	3.89	4.08	5.24	6.74	2.54	2.08	4.64	2.34	1.76	3.23	3.42	3.56

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Hospital based utilization: Non-Psych</u>											
(non-psych- for those with some hosp.based util.)											
Pts. with non-psych hospital stays, %	12.1%	11.8%	13.8%	11.6%	12.8%	15.0%	12.2%	12.2%	10.6%	9.6%	11.9%
Inpatient stays, mean	0.74	0.71	0.78	0.63	0.74	0.88	0.84	0.73	0.71	0.66	0.73
SD	1.13	1.08	1.19	1.06	1.10	1.24	1.28	1.04	1.07	1.08	1.04
Average LOS, mean	8.30	7.32	6.78	7.36	8.52	5.95	8.29	6.50	7.73	8.52	5.43
SD	17.94	11.69	11.47	10.09	16.38	9.36	14.09	15.93	15.30	13.80	6.14
Cumu. Days of Stay, mean	6.16	5.51	5.89	4.70	6.77	5.72	6.49	5.02	5.50	5.55	4.06
SD	19.51	16.99	21.48	12.17	20.71	17.88	15.42	16.97	17.57	15.96	9.37
Cumu. Days of Stay, %											
0	54.3%	56.2%	54.3%	59.9%	53.3%	46.1%	52.2%	52.8%	53.8%	58.0%	52.4%
1 to 7	26.4%	26.2%	27.8%	23.8%	26.3%	34.0%	25.8%	30.2%	27.9%	24.0%	31.6%
8 to 14	8.2%	8.2%	8.1%	6.6%	8.7%	10.5%	9.0%	8.3%	8.7%	7.5%	8.7%
15 to 44	8.7%	7.2%	8.0%	8.0%	8.8%	7.6%	10.5%	7.0%	7.6%	8.4%	6.3%
45 to 89	1.7%	1.3%	0.9%	1.4%	1.8%	1.2%	1.7%	1.3%	1.4%	1.4%	0.7%
90 to 179	0.5%	0.7%	0.5%	0.4%	1.0%	0.3%	0.8%	0.1%	0.4%	0.6%	0.2%
180 to 359	0.2%	0.2%	0.2%	0.0%	0.1%	0.3%	0.0%	0.2%	0.0%	0.2%	0.0%
360+	0.1%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.4%	0.3%	0.7%	0.1%	0.4%	0.3%	0.4%	0.2%	0.3%	0.3%	0.0%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	227.53	172.67	218.00	132.50	228.50	273.00	141.50	286.00	222.00	179.00	0.00
SD	91.53	62.74	97.76	21.92	102.27	97.58	10.61	8.49	121.95	33.24	0.00
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.2%	0.2%	0.4%	0.0%	0.2%	0.1%	0.0%	0.1%	0.2%	0.2%	0.0%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	280.76	205.50	268.60	0.00	306.00	342.00	0.00	292.00	266.50	177.50	0.00
SD	75.89	37.48	89.96	0.00	83.44	0.00	0.00	0.00	133.64	30.41	0.00
Other VISN cumu. DOS, mean	0.13	0.03	0.29	0.09	0.07	0.22	0.26	0.13	0.06	0.12	0.22
SD	2.28	0.47	5.14	1.58	0.69	2.22	3.44	2.33	0.75	1.40	2.67
Other station cumu. DOS, mean	0.52	0.74	0.39	0.30	0.18	0.49	1.36	0.67	0.45	0.38	0.56
SD	3.89	5.14	6.01	2.35	1.54	3.19	8.17	4.15	2.81	3.40	3.50

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Hospital based utilization: Psych.</u> (psych- for those with some hosp.based util.)												
Pts. with psych hospital stays, %	17.1%	17.5%	14.7%	15.6%	15.9%	22.6%	22.0%	17.1%	11.3%	18.4%	20.1%	18.5%
Inpatient stays, mean	1.13	1.16	1.16	0.97	1.02	1.52	1.40	1.16	0.88	1.05	1.20	1.14
SD	1.38	1.55	1.58	1.23	1.21	1.87	1.53	1.43	1.26	1.26	1.37	1.19
Average LOS, mean	22.98	54.80	18.29	40.92	34.23	21.26	26.29	21.73	9.20	29.87	11.82	39.42
SD	50.69	97.32	37.62	78.01	69.76	44.89	62.39	50.26	7.86	72.39	11.34	79.67
Cumu. Days of Stay, mean	22.15	46.33	18.50	33.00	29.15	26.81	28.96	21.31	8.02	25.06	14.31	36.85
SD	51.24	93.03	41.06	73.89	65.36	56.23	62.84	50.02	14.47	65.07	23.62	76.09
Cumu. Days of Stay, %												
0	35.7%	35.9%	38.9%	41.8%	37.9%	30.8%	26.1%	33.2%	48.7%	37.2%	31.9%	30.6%
1 to 7	17.0%	13.1%	15.1%	11.0%	11.3%	23.6%	18.5%	17.7%	18.9%	19.6%	21.1%	12.7%
8 to 14	14.5%	11.3%	15.1%	10.5%	12.1%	12.0%	15.9%	17.8%	13.6%	15.6%	15.8%	13.7%
15 to 44	21.3%	18.7%	21.3%	19.2%	24.2%	18.0%	26.0%	21.3%	16.0%	16.6%	23.0%	24.3%
45 to 89	6.5%	7.0%	6.0%	8.7%	7.4%	7.2%	6.3%	5.0%	2.4%	5.2%	6.8%	9.3%
90 to 179	2.7%	4.8%	1.8%	3.2%	3.1%	4.9%	3.3%	2.9%	0.3%	1.7%	1.2%	3.9%
180 to 359	1.3%	4.5%	1.8%	2.7%	2.2%	3.0%	1.9%	1.4%	0.1%	1.8%	0.2%	2.0%
360+	1.0%	4.7%	0.0%	2.7%	1.9%	0.5%	2.0%	0.8%	0.0%	2.2%	0.0%	3.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	3.2%	11.5%	2.7%	6.2%	5.0%	5.7%	4.8%	3.8%	0.0%	4.5%	0.5%	6.8%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	255.41	277.78	229.56	286.21	279.50	211.39	270.41	233.12	0.00	297.09	190.67	285.80
SD	96.05	92.47	64.25	88.92	89.28	85.07	96.68	96.50	0.00	84.57	74.54	94.92
Hosp. Pts. with a 150+ day psych hosp.stay, %	2.2%	8.9%	1.7%	5.2%	4.2%	3.4%	3.5%	2.2%	0.0%	3.8%	0.2%	5.3%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	302.97	312.71	273.20	312.36	304.46	264.03	316.23	300.00	0.00	321.46	243.00	321.28
SD	72.81	70.93	17.94	69.12	74.76	70.53	64.40	68.27	0.00	62.66	73.02	69.42
Other VISN cumu. DOS, mean	0.48	0.24	0.52	0.40	0.30	0.88	0.40	0.70	0.27	0.63	0.47	0.38
SD	4.11	2.28	3.24	3.40	3.40	7.14	3.09	4.20	2.36	5.17	3.94	2.86
Other station cumu. DOS, mean	1.53	1.67	0.52	1.36	2.21	2.59	1.92	2.77	0.52	1.25	1.41	1.84
SD	7.51	7.31	3.24	8.01	8.19	10.91	7.81	10.94	3.40	7.26	6.33	8.35

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Hospital based utilization: Psych.</u> (psych- for those with some hosp.based util.)											
	17.1%	17.6%	20.0%	19.9%	17.2%	16.5%	16.6%	16.2%	14.5%	15.6%	16.0%
Inpatient stays, mean	1.13	1.19	1.16	1.18	1.11	1.17	1.19	1.00	1.14	1.08	1.15
SD	1.38	1.53	1.36	1.30	1.34	1.59	1.34	1.18	1.38	1.13	1.43
Average LOS, mean	22.98	16.41	16.69	17.28	17.73	10.57	24.86	12.06	14.70	22.26	10.06
SD	50.69	38.17	30.44	19.29	25.93	10.81	39.07	15.58	15.57	29.45	13.12
Cumu. Days of Stay, mean	22.15	16.22	18.38	19.81	20.14	11.91	26.43	11.29	15.86	22.12	10.56
SD	51.24	37.98	38.40	31.95	46.95	23.00	46.22	18.91	26.10	37.07	17.11
Cumu. Days of Stay, %											
0	35.7%	34.6%	33.9%	31.2%	37.3%	40.6%	35.0%	37.6%	36.7%	31.9%	35.7%
1 to 7	17.0%	16.7%	19.6%	16.7%	16.9%	19.9%	11.7%	19.2%	16.9%	15.6%	25.2%
8 to 14	14.5%	19.0%	15.6%	14.7%	14.6%	15.5%	13.0%	19.8%	11.5%	13.0%	16.4%
15 to 44	21.3%	23.1%	21.4%	24.4%	20.6%	18.3%	21.2%	17.9%	25.3%	24.3%	17.9%
45 to 89	6.5%	3.9%	5.1%	9.1%	6.7%	4.1%	11.3%	4.8%	6.9%	9.7%	3.9%
90 to 179	2.7%	1.4%	3.1%	3.2%	1.9%	1.3%	6.1%	0.7%	2.4%	4.3%	0.8%
180 to 359	1.3%	0.8%	1.0%	0.6%	1.4%	0.3%	1.3%	0.0%	0.2%	1.0%	0.0%
360+	1.0%	0.5%	0.2%	0.0%	0.7%	0.0%	0.4%	0.0%	0.0%	0.1%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	3.2%	1.7%	2.3%	1.3%	2.2%	0.1%	3.4%	0.6%	0.7%	2.6%	0.5%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	255.41	252.76	203.52	179.00	265.27	112.00	192.61	138.80	170.67	177.13	118.25
SD	96.05	97.96	81.33	59.21	98.46	0.00	85.80	19.92	76.41	64.61	15.63
Hosp. Pts. with a 150+ day psych hosp.stay, %	2.2%	1.2%	1.1%	0.4%	1.5%	0.0%	1.7%	0.2%	0.1%	0.7%	0.0%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	302.97	298.25	259.54	216.00	315.13	0.00	247.00	158.50	314.00	223.00	0.00
SD	72.81	77.75	74.52	63.74	65.74	0.00	86.50	3.54	0.00	76.25	0.00
Other VISN cumu. DOS, mean	0.48	0.29	0.49	0.32	0.83	0.67	0.56	0.76	0.37	0.54	0.68
SD	4.11	2.63	4.34	2.55	7.12	4.37	3.26	6.78	2.43	4.04	6.50
Other station cumu. DOS, mean	1.53	1.74	0.55	1.09	1.67	1.60	2.93	1.35	2.07	1.08	0.98
SD	7.51	6.57	4.42	5.74	9.85	6.33	11.93	7.47	8.11	5.64	6.88

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
Other 24 hour institutional care												
Pts. with some other 24 hour institutional care, %	8.4%	8.5%	10.6%	11.7%	10.9%	14.1%	7.9%	5.1%	3.5%	6.8%	18.2%	7.1%
<u>Residential Rehabilitation</u>												
(reported for those with some res rehab care)												
Pts. with some residential rehab. care, %	1.6%	0.8%	3.3%	2.7%	1.3%	3.4%	1.3%	0.7%	0.6%	1.1%	6.7%	1.2%
Number stays, mean	1.12	1.08	1.19	1.11	1.05	1.11	1.05	1.08	1.06	1.11	1.22	1.07
SD	0.38	0.28	0.59	0.36	0.22	0.32	0.23	0.27	0.24	0.31	0.51	0.25
Average LOS, mean	39.29	26.07	34.06	44.00	68.61	49.84	22.25	35.53	55.40	8.09	18.70	69.06
SD	49.92	16.88	25.80	42.50	82.85	36.91	13.20	31.40	38.50	5.97	16.66	96.31
Cumu. DOS, mean	42.44	27.56	38.48	47.68	70.29	54.94	23.31	37.59	57.10	8.95	22.29	71.39
SD	51.90	17.03	28.44	46.00	83.26	41.17	13.90	31.99	39.04	6.45	21.22	96.06
Cumu. Days of Stay, %												
1 to 7	17.2%	8.3%	12.0%	13.1%	14.1%	12.2%	23.6%	28.2%	6.0%	45.9%	30.6%	16.9%
8 to 14	12.3%	11.1%	12.0%	13.1%	10.3%	8.9%	9.1%	2.6%	8.0%	37.8%	17.5%	10.2%
15 to 44	41.4%	72.2%	36.1%	32.8%	26.9%	24.4%	60.0%	33.3%	36.0%	16.2%	40.7%	40.7%
45 to 89	17.5%	5.6%	33.7%	22.6%	21.8%	34.4%	7.3%	30.8%	10.0%	0.0%	9.8%	6.8%
90 to 179	8.5%	2.8%	6.0%	16.1%	16.7%	20.0%	0.0%	5.1%	40.0%	0.0%	1.3%	13.6%
180 to 359	2.7%	0.0%	0.0%	2.2%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.5%
360+	0.3%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	7.9%	0.0%	1.2%	13.9%	23.1%	10.0%	0.0%	5.1%	10.0%	0.0%	0.3%	23.7%
Cumul. DOS, pts. with a 100+ day Res Rehab. stay, mean	180.65	0.00	114.00	137.16	190.28	125.11	0.00	117.50	113.80	0.00	134.00	220.43
SD	75.58	0.00	0.00	30.29	91.91	25.01	0.00	3.54	16.33	0.00	0.00	90.83
Res Rehab pts. with 150+ day Res Rehab stay, %	3.8%	0.0%	0.0%	2.2%	10.3%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	15.3%
Cumul. DOS, pts w/ 150+ day Res Rehab stay, mean	242.76	0.00	0.00	185.67	275.88	177.00	0.00	0.00	0.00	0.00	0.00	267.89
SD	66.04	0.00	0.00	29.40	71.34	0.00	0.00	0.00	0.00	0.00	0.00	78.90
Other VISN cumu. DOS, mean	0.80	0.69	2.22	0.00	0.58	0.33	0.00	2.90	0.14	3.92	0.02	0.17
SD	5.28	3.84	9.06	0.00	5.10	2.68	0.00	10.02	0.99	6.72	0.35	1.30
Other station cumu. DOS, mean	2.84	6.61	2.22	1.99	2.94	2.91	2.49	2.90	0.66	3.92	1.10	2.88
SD	9.84	12.38	9.06	7.37	9.85	10.92	7.59	10.02	2.80	6.72	3.85	14.37

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
Other 24 hour institutional care											
Pts. with some other 24 hour institutional care, %	8.4%	14.5%	4.8%	4.0%	14.5%	6.3%	5.0%	6.8%	5.3%	6.5%	14.7%
<u>Residential Rehabilitation</u>											
(reported for those with some res rehab care)											
Pts. with some residential rehab. care, %	1.6%	3.7%	0.5%	0.5%	4.3%	0.4%	1.2%	1.2%	0.2%	0.1%	1.9%
Number stays, mean	1.12	1.16	1.00	1.03	1.04	1.10	1.20	1.10	1.17	1.00	1.14
SD	0.38	0.45	0.00	0.16	0.21	0.32	0.50	0.30	0.41	0.00	0.35
Average LOS, mean	39.29	35.01	111.74	21.27	63.51	23.25	40.05	28.69	21.00	32.75	32.77
SD	49.92	22.91	84.62	11.34	83.20	21.50	27.32	27.97	21.44	21.12	26.26
Cumu. DOS, mean	42.44	40.81	111.74	22.24	64.42	25.60	44.88	30.98	23.83	32.75	38.95
SD	51.90	33.82	84.62	13.89	82.98	22.78	29.22	28.53	21.92	21.12	46.46
Cumu. Days of Stay, %											
1 to 7	17.2%	10.0%	15.8%	13.5%	8.9%	30.0%	4.0%	10.0%	33.3%	0.0%	12.5%
8 to 14	12.3%	6.4%	0.0%	13.5%	10.1%	0.0%	12.0%	17.5%	16.7%	25.0%	12.5%
15 to 44	41.4%	49.3%	15.8%	67.6%	48.7%	50.0%	40.0%	50.0%	33.3%	50.0%	53.1%
45 to 89	17.5%	28.6%	10.5%	5.4%	10.8%	20.0%	40.0%	17.5%	16.7%	25.0%	17.2%
90 to 179	8.5%	5.0%	31.6%	0.0%	8.9%	0.0%	4.0%	5.0%	0.0%	0.0%	3.1%
180 to 359	2.7%	0.7%	26.3%	0.0%	12.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%
360+	0.3%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	7.9%	3.6%	52.6%	0.0%	18.4%	0.0%	0.0%	5.0%	0.0%	0.0%	1.6%
Cumul. DOS, pts. with a 100+ day C.C. stay, mean	180.65	163.60	181.00	0.00	221.41	0.00	0.00	128.00	0.00	0.00	355.00
SD	75.58	64.32	44.82	0.00	70.05	0.00	0.00	36.77	0.00	0.00	0.00
Res Rehab pts w/ 150+ day Res Rehab stay, %	3.8%	0.7%	42.1%	0.0%	14.6%	0.0%	0.0%	2.5%	0.0%	0.0%	1.6%
Cumul. DOS, pts w/ 150+ day C.C. stay, mean	242.76	274.00	195.50	0.00	245.78	0.00	0.00	154.00	0.00	0.00	355.00
SD	66.04	0.00	37.15	0.00	56.64	0.00	0.00	0.00	0.00	0.00	0.00
Other VISN cumu. DOS, mean	0.80	0.29	0.16	2.65	0.24	2.10	0.76	1.65	9.00	32.75	2.03
SD	5.28	2.72	0.69	10.24	2.27	6.30	3.80	9.49	13.30	21.12	10.72
Other station cumu. DOS, mean	2.84	6.64	0.16	5.19	0.85	2.10	7.12	2.18	9.00	32.75	4.91
SD	9.84	15.29	0.69	15.55	4.24	6.30	17.01	9.71	13.30	21.12	13.94

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Domiciliary and Vocational</u>												
(reported for those with some dom/voc care)												
pts. with some dom/voc care, %	2.0%	1.2%	1.6%	2.1%	2.8%	4.7%	2.1%	1.5%	0.1%	1.9%	4.4%	0.1%
Number stays, mean	1.14	1.18	1.30	1.30	1.05	1.14	1.05	1.07	1.00	1.09	1.21	1.00
SD	0.40	0.39	0.61	0.63	0.24	0.43	0.21	0.25	0.00	0.29	0.48	0.00
Average LOS, mean	94.89	134.34	71.94	76.66	32.44	139.72	49.91	54.53	49.25	166.63	58.66	14.00
SD	107.68	111.99	49.66	60.52	37.09	133.53	59.81	39.38	42.93	135.81	70.09	10.12
Cumu. DOS, mean	103.03	156.24	88.08	90.56	34.74	149.01	50.83	57.10	49.25	173.49	69.34	14.00
SD	111.00	122.78	57.64	64.57	41.41	134.06	59.51	40.69	42.93	135.57	77.90	10.12
Cumu. Days of Stay, %												
1 to 7	8.7%	3.6%	7.5%	4.7%	15.2%	6.5%	9.3%	5.7%	0.0%	3.1%	10.7%	20.0%
8 to 14	5.5%	7.3%	0.0%	0.0%	9.1%	2.4%	3.5%	3.4%	25.0%	6.2%	6.1%	20.0%
15 to 44	29.0%	14.5%	25.0%	24.3%	57.6%	16.9%	48.8%	36.8%	25.0%	9.2%	33.7%	60.0%
45 to 89	18.7%	14.5%	20.0%	28.0%	7.9%	20.2%	26.7%	31.0%	33.3%	21.5%	23.5%	0.0%
90 to 179	19.0%	14.5%	42.5%	33.6%	8.5%	22.6%	9.3%	23.0%	16.7%	21.5%	17.3%	0.0%
180 to 359	9.8%	34.5%	5.0%	9.3%	1.8%	10.5%	0.0%	0.0%	0.0%	15.4%	5.1%	0.0%
360+	9.4%	10.9%	0.0%	0.0%	0.0%	21.0%	2.3%	0.0%	0.0%	23.1%	3.6%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. pts. with 100+ day Dom. stay, %	32.7%	54.5%	42.5%	31.8%	9.1%	45.2%	10.5%	18.4%	16.7%	56.9%	20.4%	0.0%
Cumul. DOS, pts. with a 100+ day Dom. stay, mean	234.16	250.93	142.47	162.65	151.07	271.34	180.44	120.50	131.50	268.05	191.33	0.00
SD	101.24	82.96	29.29	49.34	32.20	104.24	105.66	16.61	16.26	103.21	87.66	0.00
Dom. pts. with 150+ day Dom. stay, %	21.3%	41.8%	7.5%	15.9%	3.6%	33.9%	3.5%	1.1%	0.0%	44.6%	9.2%	0.0%
Cumul. DOS, pts. with a 150+ day Dom. stay, mean	289.17	278.87	193.67	194.59	182.00	319.71	294.00	171.00	0.00	309.52	255.56	0.00
SD	81.02	70.94	16.17	45.37	23.71	70.30	122.98	0.00	0.00	73.47	90.66	0.00
Other VISN cumu. DOS, mean	1.31	1.71	6.80	6.31	0.14	2.04	0.86	2.80	2.08	0.23	0.36	14.00
SD	8.11	6.64	12.97	20.82	1.64	8.33	5.38	11.38	5.23	1.86	3.27	10.12
Other station cumu. DOS, mean	3.30	5.76	6.80	12.09	5.25	3.25	0.86	5.16	5.92	0.38	1.88	14.00
SD	12.91	20.62	12.97	28.79	10.17	10.75	5.38	15.57	13.65	2.22	8.64	10.12

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Domiciliary and Vocational</u>											
(reported for those with some dom/voc care)											
Pts. with some dom/voc care, %	2.0%	3.7%	1.1%	0.9%	5.8%	2.4%	0.1%	3.3%	0.1%	2.3%	4.4%
Number stays, mean	1.14	1.12	1.02	1.18	1.13	1.17	1.00	1.11	1.25	1.11	1.15
SD	0.40	0.34	0.16	0.49	0.36	0.45	0.00	0.32	0.50	0.34	0.49
Average LOS, mean	94.89	146.53	103.96	67.03	144.73	70.14	15.67	160.71	33.63	76.74	72.25
SD	107.68	126.74	110.07	58.44	136.57	48.77	9.24	136.21	20.93	78.33	111.95
Cumu. DOS, mean	103.03	156.22	107.68	78.50	154.56	79.72	15.67	171.80	44.25	81.21	76.20
SD	111.00	129.79	114.25	73.61	136.71	58.34	9.24	138.28	33.78	80.01	111.62
Cumu. Days of Stay, %											
1 to 7	8.7%	8.6%	7.3%	11.8%	5.1%	4.6%	33.3%	6.1%	25.0%	9.5%	16.3%
8 to 14	5.5%	4.3%	9.8%	5.9%	3.2%	4.6%	0.0%	5.3%	0.0%	10.3%	8.2%
15 to 44	29.0%	14.4%	22.0%	26.5%	20.8%	24.6%	66.7%	20.2%	25.0%	24.6%	42.9%
45 to 89	18.7%	12.2%	22.0%	20.6%	19.4%	18.5%	0.0%	10.5%	50.0%	22.2%	10.2%
90 to 179	19.0%	23.7%	19.5%	23.5%	15.3%	43.1%	0.0%	11.4%	0.0%	22.2%	9.5%
180 to 359	9.8%	18.7%	9.8%	10.3%	13.4%	4.6%	0.0%	26.3%	0.0%	10.3%	2.0%
360+	9.4%	18.0%	9.8%	1.5%	22.7%	0.0%	0.0%	20.2%	0.0%	0.8%	10.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. pts. with 100+ day Dom. stay, %	32.7%	54.0%	39.0%	29.4%	44.0%	23.1%	0.0%	57.0%	0.0%	31.0%	19.0%
Cumul. DOS, pts. with a 100+ day Dom. stay, mean	234.16	252.88	221.19	171.75	288.45	147.40	0.00	275.49	0.00	179.74	278.71
SD	101.24	98.95	106.59	63.42	95.00	64.92	0.00	88.57	0.00	69.31	110.22
Dom. pts. with 150+ day Dom. stay, %	21.3%	41.0%	24.4%	14.7%	35.6%	6.2%	0.0%	50.0%	0.0%	15.9%	14.3%
Cumul. DOS, pts. with a 150+ day Dom. stay, mean	289.17	290.93	283.40	212.30	321.84	231.75	0.00	295.81	0.00	230.35	329.52
SD	81.02	80.58	86.12	62.70	69.22	76.16	0.00	74.25	0.00	62.25	73.62
Other VISN cumu. DOS, mean	1.31	0.21	0.95	1.40	0.05	2.78	15.67	0.12	34.75	0.57	0.00
SD	8.11	2.46	5.09	4.43	0.75	17.25	9.24	0.85	42.07	4.53	0.00
Other station cumu. DOS, mean	3.30	3.50	0.95	2.19	1.04	4.35	15.67	2.11	34.75	1.49	0.96
SD	12.91	13.44	5.09	6.60	8.66	21.16	9.24	9.33	42.07	8.40	5.29

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Nursing Home Care</u>												
(reported for those with some nursing home care)												
Pts. with some nursing home care, %	5.2%	6.8%	6.3%	7.6%	6.9%	6.8%	4.5%	3.0%	2.8%	3.9%	9.7%	5.8%
Number stays, mean	1.19	1.24	1.28	1.06	1.14	1.13	1.12	1.07	1.22	1.23	1.25	1.14
SD	0.57	0.72	0.63	0.24	0.45	0.42	0.34	0.28	0.65	0.63	0.62	0.45
Average LOS, mean	154.36	157.83	112.34	232.93	179.82	134.67	171.05	199.22	114.20	148.09	100.24	187.72
SD	143.05	147.23	129.01	138.54	150.08	139.54	147.07	143.72	126.52	140.20	107.49	142.12
Cumu. DOS, mean	165.08	171.42	127.19	239.41	186.03	142.89	179.10	205.14	125.10	159.77	114.50	198.03
SD	143.66	147.97	131.95	137.12	148.38	141.04	147.94	143.40	129.21	142.99	112.58	140.71
Cumu. Days of Stay, %												
1 to 7	5.9%	6.3%	9.6%	2.6%	6.4%	10.6%	7.6%	1.6%	6.3%	5.3%	4.7%	5.8%
8 to 14	6.1%	6.0%	8.3%	2.3%	4.4%	10.1%	6.0%	4.4%	10.2%	6.1%	4.4%	3.3%
15 to 44	19.6%	22.9%	22.4%	9.0%	17.2%	17.9%	15.8%	9.9%	27.3%	22.0%	23.8%	13.5%
45 to 89	14.7%	8.9%	17.9%	10.0%	13.3%	14.5%	13.6%	18.1%	12.9%	19.7%	25.6%	9.5%
90 to 179	14.0%	14.9%	13.5%	13.6%	11.1%	13.4%	13.0%	12.6%	17.6%	8.3%	20.3%	17.8%
180 to 359	13.3%	13.0%	9.6%	18.9%	15.5%	11.2%	13.6%	17.6%	9.4%	14.4%	9.8%	18.2%
360+	26.4%	27.9%	18.6%	43.7%	32.0%	22.3%	30.4%	35.7%	16.4%	24.2%	11.4%	32.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH pts. with 100+ day NH stay, %	49.5%	53.0%	37.8%	74.2%	55.2%	44.7%	53.8%	63.2%	37.9%	44.7%	32.9%	63.3%
Cumul. DOS, pts. with a 100+ day NH stay, mean	291.78	293.29	271.78	306.81	305.39	279.68	298.93	297.50	264.22	304.51	245.24	286.82
SD	94.25	94.49	103.26	86.02	85.71	98.26	92.09	93.44	103.23	81.84	104.71	95.19
NH pts. with 150+ day NH stay, %	41.1%	44.1%	27.6%	66.5%	49.3%	34.1%	46.2%	54.4%	28.5%	39.4%	20.5%	51.6%
Cumul. DOS, pts. with a 150+ day NH stay, mean	323.22	322.14	319.53	327.28	326.01	321.92	326.20	326.47	307.38	324.48	308.68	319.21
SD	67.05	71.10	75.28	64.14	64.69	67.21	66.84	63.56	78.89	63.79	73.69	68.49
Other VISN cumu. DOS, mean	0.31	0.30	0.12	0.05	0.03	0.47	0.24	0.51	0.38	0.12	0.15	0.12
SD	3.97	3.29	1.52	0.66	0.46	4.51	3.17	6.82	4.07	1.39	3.09	1.51
Other station cumu. DOS, mean	1.07	1.48	0.12	0.52	0.88	0.66	0.54	1.02	0.43	0.12	2.07	0.76
SD	7.96	10.23	1.52	6.31	5.92	5.15	4.26	9.72	4.17	1.39	11.26	5.87

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Nursing Home Care</u>											
(reported for those with some nursing home care)											
Pts. with some nursing home care, %	2.0%	3.7%	1.1%	0.9%	5.8%	2.4%	0.1%	3.3%	0.1%	2.3%	4.4%
Number stays, mean	1.19	1.14	1.19	1.25	1.11	1.27	1.19	1.34	1.44	1.20	1.16
SD	0.57	0.43	0.51	0.60	0.36	0.64	0.49	0.68	1.26	0.50	0.56
Average LOS, mean	154.36	207.74	117.01	143.11	157.60	94.30	179.90	69.68	123.72	118.59	146.53
SD	143.05	153.19	126.67	140.30	144.44	123.96	144.81	99.26	130.14	122.72	146.70
Cumu. DOS, mean	165.08	216.02	127.88	158.47	168.76	101.69	193.38	79.93	141.79	134.47	155.26
SD	143.66	150.97	129.95	142.13	147.88	122.06	147.11	102.47	134.59	130.34	147.77
Cumu. Days of Stay, %											
1 to 7	5.9%	3.5%	3.1%	5.4%	4.8%	10.7%	7.8%	9.3%	5.9%	6.1%	9.1%
8 to 14	6.1%	3.9%	13.1%	5.9%	9.5%	8.7%	7.8%	10.5%	7.9%	5.7%	6.5%
15 to 44	19.6%	18.1%	23.8%	19.1%	19.0%	31.1%	11.7%	32.6%	20.3%	28.5%	21.2%
45 to 89	14.7%	9.0%	14.6%	21.1%	13.3%	14.6%	7.8%	24.4%	18.8%	11.8%	15.0%
90 to 179	14.0%	10.3%	16.2%	11.8%	12.4%	15.5%	13.0%	11.6%	13.4%	15.8%	11.4%
180 to 359	13.3%	10.3%	14.6%	11.8%	12.4%	5.8%	22.1%	3.5%	17.3%	15.8%	9.8%
360+	26.4%	44.8%	14.6%	25.0%	28.6%	13.6%	29.9%	8.1%	16.3%	16.2%	27.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH pts. with 100+ day NH stay, %	49.5%	63.2%	38.5%	45.6%	47.6%	30.1%	59.7%	19.8%	43.6%	41.7%	44.0%
Cumul. DOS, pts. with a 100+ day NH stay, mean	291.78	318.51	266.68	295.44	308.43	257.10	298.72	253.76	273.53	266.73	305.63
SD	94.25	82.31	103.13	91.50	84.98	113.28	86.96	108.36	97.56	96.08	89.77
NH pts. with 150+ day NH stay, %	41.1%	58.1%	28.5%	37.7%	42.9%	20.4%	53.2%	12.8%	34.7%	32.5%	37.5%
Cumul. DOS, pts. with a 150+ day NH stay, mean	323.22	335.73	315.78	322.70	328.79	323.76	319.95	321.45	310.51	302.53	334.23
SD	67.05	60.85	67.82	70.87	61.78	68.80	65.05	66.79	69.15	74.07	59.56
Other VISN cumu. DOS, mean	0.31	0.40	0.00	1.52	0.78	0.35	0.66	1.79	0.02	0.14	0.02
SD	3.97	5.15	0.00	9.35	5.88	2.93	3.70	11.70	0.35	1.33	0.24
Other station cumu. DOS, mean	1.07	1.43	0.00	2.37	1.60	0.77	0.66	2.57	1.32	1.20	0.94
SD	7.96	8.11	0.00	12.21	8.95	4.28	3.70	12.55	8.61	6.60	10.64

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Outpatient utilization</u> (reported for those with some outpatient care)												
Pts. with some outpatient care, %	98.0%	97.2%	97.9%	95.3%	96.6%	97.5%	97.5%	98.5%	99.3%	97.7%	98.7%	97.0%
annual visit days, mean	27.20	33.75	39.58	33.32	23.42	35.38	19.65	25.80	22.56	20.29	32.99	24.91
SD	36.43	44.00	49.99	42.80	31.22	47.27	25.85	32.78	26.49	27.75	38.42	36.00
Outpatient visit days, %												
1-12	42.0%	34.9%	30.7%	36.0%	45.4%	36.8%	51.1%	42.7%	40.7%	48.9%	33.3%	48.5%
13-24	25.8%	24.1%	25.3%	24.9%	26.9%	23.5%	26.5%	25.4%	30.9%	28.0%	25.0%	23.8%
25-36	12.4%	13.6%	14.2%	13.1%	12.5%	13.4%	11.0%	12.8%	14.0%	11.5%	14.1%	10.6%
37-48	5.9%	7.7%	6.7%	6.6%	4.6%	6.1%	4.0%	6.1%	5.8%	4.9%	7.0%	4.9%
49+	13.9%	19.7%	23.1%	19.4%	10.6%	20.2%	7.4%	12.9%	8.6%	6.7%	20.6%	12.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
% of Outpatients who had some Primary Care (PC)	77.3%	76.2%	85.1%	78.7%	71.0%	67.3%	76.5%	73.8%	78.2%	75.6%	81.1%	80.2%
Mean PC visit days, among those with some PC	3.74	3.65	4.07	3.37	3.29	4.05	3.74	3.53	4.08	3.35	3.95	3.42
SD	3.86	3.67	3.66	2.85	2.93	3.62	3.48	3.14	3.51	3.19	3.47	3.34
Average number clinic stops per visit day, mean	1.44	1.34	1.40	1.43	1.41	1.51	1.45	1.48	1.40	1.52	1.38	1.43
SD	0.46	0.35	0.38	0.47	0.42	0.42	0.43	0.47	0.42	0.48	0.38	0.41
annual clinic stops (psych & non-psych), mean	40.25	46.02	58.71	49.89	33.15	54.09	28.79	39.55	33.61	30.04	48.28	36.57
SD	60.93	60.99	84.22	76.77	47.17	77.04	40.77	59.37	51.85	39.41	64.15	57.10
annual non-psych. clinic stops, mean	19.00	20.53	24.11	19.54	16.28	26.10	15.75	18.93	20.01	16.76	17.98	16.58
SD	25.45	28.30	34.09	24.53	22.67	38.66	18.92	23.08	21.85	18.78	21.23	21.35

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Outpatient utilization</u>											
(reported for those with some outpatient care)											
Pts. with some outpatient care, %	98.0%	96.4%	99.3%	99.0%	98.0%	99.3%	98.1%	99.4%	98.5%	99.0%	97.3%
annual visit days, mean	27.20	33.89	27.11	21.55	29.07	24.32	29.70	30.72	24.81	27.81	29.51
SD	36.43	47.51	41.12	28.28	38.24	27.78	32.90	37.64	30.84	39.91	39.89
Outpatient visit days, %											
1-12	42.0%	42.4%	44.5%	47.6%	40.4%	40.8%	37.1%	38.6%	43.5%	43.6%	41.4%
13-24	25.8%	21.9%	26.6%	27.2%	25.8%	26.8%	23.4%	23.3%	25.1%	24.5%	23.4%
25-36	12.4%	10.3%	11.7%	11.4%	12.6%	13.4%	13.2%	12.3%	12.4%	11.5%	12.0%
37-48	5.9%	5.5%	4.9%	4.7%	5.6%	6.9%	7.5%	6.5%	6.4%	6.2%	7.1%
49+	13.9%	19.9%	12.3%	9.0%	15.6%	12.1%	18.8%	19.2%	12.6%	14.1%	16.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Pts. with some OP primary care, %	77.3%	76.4%	81.0%	79.3%	84.1%	75.5%	82.4%	77.2%	80.8%	73.3%	73.1%
OP visit days with primary care clinic stops, mean	3.74	3.67	3.28	3.34	4.46	4.11	3.95	3.88	3.87	4.27	3.76
SD	3.86	3.21	3.25	2.69	4.15	4.00	4.53	4.37	4.74	4.47	8.59
Average number clinic stops per visit day, mean	1.44	1.55	1.47	1.49	1.45	1.46	1.37	1.35	1.37	1.39	1.59
SD	0.46	0.51	0.47	0.46	0.46	0.48	0.35	0.33	0.57	0.42	0.54
annual clinic stops (psych & non-psych), mean	40.25	54.53	42.15	32.24	41.38	36.80	42.40	41.85	33.51	41.20	49.29
SD	60.93	84.29	75.91	45.83	56.44	50.05	53.52	52.16	45.11	68.65	77.86
annual non-psych. clinic stops, mean	19.00	20.57	21.34	17.01	24.19	18.90	18.52	17.42	16.03	18.36	20.85
SD	25.45	25.42	37.28	21.97	31.94	22.86	20.31	21.28	19.11	27.43	33.34

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
annual psych. clinic stops (groupings below), mean	21.25	25.49	34.60	30.35	16.87	27.99	13.04	20.62	13.60	13.27	30.30	19.99
<i>SD</i>	47.76	47.05	64.07	66.44	36.01	54.57	30.42	44.71	40.00	31.70	54.38	47.26
1. general psych. clinic stops, mean	9.00	12.26	9.04	9.18	9.21	9.95	6.31	9.18	6.53	7.89	11.68	7.65
<i>SD</i>	15.95	20.54	11.10	12.30	12.74	21.44	8.29	13.06	10.02	11.15	17.08	18.01
2. psych. case management clinic stops, mean	2.99	4.18	7.29	3.77	2.20	2.85	2.36	3.21	1.19	0.40	5.49	4.00
<i>SD</i>	16.59	23.94	27.25	14.71	11.69	13.60	13.38	16.33	10.04	5.83	18.45	20.90
3. psych. day treatment clinic stops, mean	4.25	1.80	15.26	6.66	1.30	3.84	2.02	2.93	3.79	3.63	4.60	4.47
<i>SD</i>	26.72	10.97	49.75	36.04	14.54	15.42	15.16	24.04	31.12	23.33	24.34	23.48
4. substance abuse clinic stops, mean	2.55	2.83	1.95	5.14	2.52	5.81	0.93	2.58	1.55	0.86	5.32	1.31
<i>SD</i>	16.26	11.39	13.94	13.79	14.65	7.04	29.07	20.36	28.51	3.66	11.61	8.56
5. psych. vocational clinic stops, mean	1.82	4.21	0.52	4.68	1.06	4.51	0.97	1.85	0.31	0.23	2.39	1.97
<i>SD</i>	16.32	24.75	5.09	25.93	11.21	23.98	12.21	15.26	6.21	5.69	18.78	17.51
6. PTSD clinic stops, mean	0.33	0.28	0.30	0.62	0.31	0.48	0.14	0.70	0.09	0.06	0.25	0.25
<i>SD</i>	3.69	2.61	3.69	5.12	2.36	3.35	1.57	5.88	1.19	0.93	3.39	3.10
7. psych. homeless clinic stops, mean	0.38	0.29	0.33	0.51	0.32	0.63	0.31	0.20	0.13	0.20	0.63	0.34
<i>SD</i>	2.84	3.27	2.42	3.12	2.41	3.59	2.41	1.41	1.42	2.10	4.12	2.43
8. MH medical education clinic stops, mean	0.06	0.08	0.21	0.05	0.03	0.02	0.07	0.04	0.10	0.01	0.01	0.05
<i>SD</i>	0.72	0.74	1.97	0.83	0.51	0.19	0.58	0.38	0.93	0.18	0.11	0.53
Other VISN OP visit days, mean	0.30	0.28	0.35	0.34	0.19	0.45	0.28	0.24	0.23	0.37	0.31	0.23
<i>SD</i>	2.02	2.19	2.09	2.60	1.35	2.70	1.88	1.66	1.54	2.16	2.08	1.53
Other station OP visit days, mean	0.80	1.21	0.35	0.87	1.16	1.01	0.71	0.91	0.43	0.50	0.94	0.99
<i>SD</i>	3.50	4.88	2.09	3.89	3.90	4.19	2.81	3.36	2.24	2.41	3.94	3.25

Table 3C: FY04 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
annual psych. clinic stops (groupings below), mean	21.25	33.96	20.80	15.23	17.18	17.90	23.89	24.43	17.48	22.84	28.45
<i>SD</i>	47.76	70.60	52.03	33.97	38.63	39.14	42.96	44.51	37.52	54.82	57.95
1. general psych. clinic stops, mean	9.00	11.95	8.56	6.50	8.58	12.06	8.94	8.81	9.93	8.25	13.67
<i>SD</i>	15.95	22.54	15.43	9.10	22.51	24.93	15.21	14.64	17.65	14.39	23.83
2. psych. case management clinic stops, mean	2.99	6.89	3.72	1.89	2.43	2.50	6.57	3.78	0.95	0.66	3.14
<i>SD</i>	16.59	31.65	24.19	11.67	14.38	17.11	20.40	15.48	7.67	5.81	13.89
3. psych. day treatment clinic stops, mean	4.25	4.25	3.51	3.07	2.43	0.85	4.91	7.55	2.94	9.18	5.50
<i>SD</i>	26.72	30.93	24.49	22.38	17.00	9.35	20.05	27.80	16.38	45.54	29.23
4. substance abuse clinic stops, mean	2.55	3.74	2.53	1.71	2.03	1.72	2.52	2.78	2.25	2.56	2.73
<i>SD</i>	16.26	20.66	13.60	10.06	11.02	9.85	14.32	12.76	19.79	11.95	17.03
5. psych. vocational clinic stops, mean	1.82	6.41	2.21	0.91	1.17	0.72	0.66	0.83	0.83	0.96	2.68
<i>SD</i>	16.32	34.04	19.52	10.39	9.81	8.36	9.98	9.33	12.00	10.68	21.59
6. PTSD clinic stops, mean	0.33	0.23	0.24	0.54	0.25	0.18	0.20	0.32	0.28	0.43	0.45
<i>SD</i>	3.69	2.35	2.95	6.32	2.40	2.06	1.88	2.96	2.87	3.97	5.86
7. psych. homeless clinic stops, mean	0.38	0.52	0.20	0.62	0.25	0.25	0.25	0.48	0.28	0.78	0.27
<i>SD</i>	2.84	3.97	1.56	4.53	1.58	1.52	1.88	3.32	3.07	2.90	2.15
8. MH medical education clinic stops, mean	0.06	0.06	0.09	0.08	0.07	0.07	0.03	0.01	0.04	0.05	0.09
<i>SD</i>	0.72	0.58	0.93	0.63	0.49	0.70	0.29	0.12	0.78	0.60	1.07
Other VISN OP visit days, mean	0.30	0.26	0.29	0.29	0.35	0.42	0.39	0.31	0.29	0.38	0.35
<i>SD</i>	2.02	2.02	1.79	2.02	2.26	2.27	2.31	1.82	1.69	2.38	2.63
Other station OP visit days, mean	0.80	1.61	0.33	0.61	0.66	0.91	0.88	0.78	0.73	0.75	0.80
<i>SD</i>	3.50	6.45	1.98	2.88	3.52	3.75	3.62	3.10	2.69	3.30	3.66

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Hospital Based Utilization</u>												
Patients with some Hosp. Based Utilization, %	25.1%	26.9%	20.9%	24.7%	20.4%	30.5%	26.6%	24.4%	22.6%	30.0%	25.0%	25.5%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)												
Inpatient stays, mean	1.81	1.91	1.66	1.75	1.66	2.19	1.81	1.71	1.89	1.80	1.83	1.82
SD	1.45	1.60	1.17	1.22	1.09	2.26	1.39	1.23	1.57	1.40	1.45	1.46
Average LOS, mean	9.70	14.35	8.17	12.30	10.70	10.47	10.11	9.33	7.12	7.85	7.81	11.16
SD	18.44	31.67	10.08	20.11	22.41	24.75	23.16	14.08	9.25	17.88	11.26	22.23
Cumu. DOS, mean	17.04	24.93	13.56	20.30	16.37	22.34	17.53	16.35	13.22	14.41	13.95	19.39
SD	28.96	46.44	20.14	29.25	28.00	41.62	29.16	27.38	19.07	30.03	18.19	32.35
Cumu. DOS, %												
1 to 7	45.1%	41.1%	46.2%	35.3%	40.5%	49.1%	43.6%	44.2%	50.3%	49.8%	48.4%	40.8%
8 to 14	22.4%	21.7%	26.4%	23.0%	26.2%	19.3%	22.9%	23.7%	21.7%	25.7%	22.7%	23.2%
15 to 44	25.1%	24.0%	23.5%	30.9%	27.5%	19.9%	25.5%	25.5%	23.3%	20.3%	23.4%	26.7%
45 to 89	5.3%	7.8%	2.0%	8.5%	4.9%	6.3%	6.1%	4.6%	4.0%	2.7%	4.4%	5.6%
90 to 179	1.6%	3.4%	1.6%	1.3%	0.1%	3.3%	1.4%	1.5%	0.6%	0.6%	1.2%	3.0%
180 to 359	0.5%	1.7%	0.2%	0.9%	0.9%	2.1%	0.3%	0.5%	0.1%	0.7%	0.0%	0.4%
360+	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.2%	0.0%	0.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. patients with a 100+ day hosp.stay, %	1.1%	3.4%	0.8%	1.0%	1.1%	2.8%	0.9%	1.1%	0.2%	0.7%	0.2%	1.5%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	212.11	222.21	159.75	209.57	238.22	203.82	247.63	197.60	196.33	307.43	151.00	200.64
SD	83.20	88.23	40.48	72.94	68.03	65.76	92.92	74.78	146.12	55.04	2.83	84.21
Hosp. patients who had a 150+ day hosp. stay, %	0.6%	2.1%	0.4%	0.7%	0.7%	1.6%	0.5%	0.5%	0.1%	0.6%	0.1%	0.7%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	261.28	261.96	183.50	248.00	271.50	239.90	289.80	234.20	365.00	324.50	153.00	265.33
SD	72.83	72.50	21.92	37.80	49.16	56.79	88.48	67.52	0.00	34.45	0.00	87.65
Cumu. DOS at Other VISNs	0.59	0.28	1.51	0.51	0.30	1.38	0.26	0.91	0.42	0.79	0.53	0.31
SD	3.73	2.43	7.24	2.95	1.66	7.07	1.92	4.41	2.59	5.24	3.12	1.96
Cumu. DOS at Other Stations	1.93	3.29	1.51	2.20	2.41	3.74	2.14	2.35	0.93	1.32	1.70	1.77
SD	7.16	10.23	7.24	6.82	6.68	12.65	7.51	6.83	3.68	6.50	6.34	6.14

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Hospital Based Utilization</u>											
Patients with some Hosp. Based Utilization, %	25.1%	28.8%	30.5%	26.7%	25.7%	25.2%	23.7%	24.9%	22.6%	20.9%	24.6%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)											
Inpatient stays, mean	1.81	1.86	1.90	1.74	1.80	1.88	1.84	1.63	1.88	1.72	1.78
SD	1.45	1.53	1.48	1.30	1.43	1.61	1.48	1.19	1.55	1.26	1.47
Average LOS, mean	9.70	10.30	12.00	10.73	8.88	5.76	10.49	8.42	9.54	10.71	6.59
SD	18.44	20.57	22.97	17.74	11.78	5.19	13.96	16.08	16.50	16.85	8.20
Cumu. DOS, mean	17.04	17.81	21.80	18.14	16.30	11.35	18.99	13.13	17.11	18.42	11.66
SD	28.96	31.76	36.17	26.74	25.92	14.70	26.47	20.58	24.53	30.58	18.97
Cumu. DOS, %											
1 to 7	45.1%	40.1%	39.6%	44.8%	45.3%	53.9%	43.7%	46.9%	41.9%	43.1%	56.6%
8 to 14	22.4%	23.1%	21.6%	18.8%	23.6%	21.1%	18.1%	27.5%	22.1%	20.3%	20.2%
15 to 44	25.1%	30.2%	27.6%	26.5%	23.6%	22.5%	27.9%	22.1%	27.4%	28.0%	20.1%
45 to 89	5.3%	4.8%	7.1%	8.0%	5.6%	1.9%	7.3%	2.4%	6.8%	6.1%	2.1%
90 to 179	1.6%	1.0%	3.4%	1.5%	1.3%	0.7%	2.6%	0.8%	1.3%	1.9%	0.8%
180 to 359	0.5%	0.4%	0.7%	0.4%	0.4%	0.0%	0.3%	0.2%	0.4%	0.7%	0.1%
360+	0.1%	0.4%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. patients with a 100+ day hosp. stay, %	1.1%	1.1%	1.6%	1.2%	0.8%	0.1%	0.9%	0.6%	0.8%	1.5%	0.4%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	212.11	263.00	218.68	181.63	205.88	111.00	162.67	185.83	187.67	199.53	204.33
SD	83.20	94.01	87.08	63.17	95.44	0.00	34.37	99.20	76.85	87.01	102.40
Hosp. patients who had a 150+ day hosp. stay, %	0.6%	0.8%	0.9%	0.5%	0.3%	0.0%	0.0%	0.3%	0.3%	0.6%	0.2%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	261.28	269.25	258.09	226.43	303.33	0.00	0.00	255.67	265.50	274.50	245.50
SD	72.83	90.03	91.73	69.98	71.29	0.00	0.00	97.68	98.29	68.60	103.94
Cumu. DOS at Other VISNs	0.59	0.28	0.54	0.68	0.71	0.77	0.52	0.54	0.55	0.68	0.76
SD	3.73	1.68	3.52	3.36	4.32	3.86	2.76	3.59	3.67	4.94	3.97
Cumu. DOS at Other Stations	1.93	2.35	0.71	1.55	1.36	2.27	3.60	1.68	2.32	1.62	1.50
SD	7.16	5.99	4.32	5.47	5.59	7.71	11.39	6.12	7.51	8.80	4.98

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Hospital based utilization: Non-Psych</u> (non-psych- for those with some hosp.based util.)												
Pts. with non-psych hospital stays, %	11.8%	11.6%	9.4%	12.2%	10.4%	11.9%	9.4%	11.0%	11.6%	14.3%	12.4%	11.4%
Inpatient stays, mean	0.74	0.65	0.67	0.78	0.78	0.61	0.54	0.69	0.86	0.76	0.79	0.75
SD	1.11	1.00	0.99	1.05	1.06	1.06	0.99	1.03	1.25	1.12	1.16	1.23
Average LOS, mean	6.38	7.60	5.56	8.80	5.32	5.09	8.60	7.33	6.74	6.16	5.66	5.34
SD	14.13	17.69	8.67	18.90	7.59	5.66	27.85	16.13	10.71	17.60	7.87	9.67
Cumu. Days of Stay, mean	4.90	5.21	3.99	6.95	4.25	3.39	4.45	5.46	5.83	4.68	4.58	4.05
SD	15.72	17.12	12.27	20.21	10.77	8.88	19.29	18.26	15.34	15.77	10.33	10.57
Cumu. Days of Stay, %												
0	52.9%	56.9%	55.0%	50.7%	49.1%	60.8%	64.8%	54.7%	48.7%	52.4%	50.5%	55.2%
1 to 7	30.7%	26.5%	30.1%	27.4%	33.5%	26.7%	22.0%	29.5%	30.6%	31.4%	32.6%	30.4%
8 to 14	8.1%	8.6%	7.8%	9.5%	10.1%	5.4%	6.2%	6.4%	9.5%	8.6%	7.6%	7.2%
15 to 44	6.8%	5.8%	6.3%	8.8%	6.5%	6.4%	5.5%	7.3%	9.0%	6.6%	8.1%	5.6%
45 to 89	1.1%	1.4%	0.4%	2.9%	0.7%	0.5%	1.1%	1.4%	2.0%	0.6%	0.8%	1.2%
90 to 179	0.3%	0.5%	0.2%	0.1%	0.0%	0.2%	0.2%	0.4%	0.2%	0.2%	0.3%	0.3%
180 to 359	0.1%	0.2%	0.2%	0.4%	0.1%	0.0%	0.1%	0.3%	0.0%	0.1%	0.0%	0.0%
360+	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.2%	0.2%	0.2%	0.4%	0.1%	0.0%	0.3%	0.3%	0.1%	0.1%	0.0%	0.1%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	235.36	201.67	199.00	209.67	221.00	0.00	288.67	219.00	236.50	363.00	0.00	161.00
SD	97.54	129.33	0.00	95.35	0.00	0.00	98.11	91.85	181.73	0.00	0.00	0.00
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.1%	0.1%	0.2%	0.3%	0.1%	0.0%	0.2%	0.2%	0.1%	0.1%	0.0%	0.1%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	295.35	351.00	199.00	264.50	221.00	0.00	344.00	271.00	365.00	363.00	0.00	161.00
SD	69.29	0.00	0.00	12.02	0.00	0.00	29.70	25.46	0.00	0.00	0.00	0.00
Other VISN cumu. DOS, mean	0.14	0.07	0.22	0.14	0.16	0.19	0.08	0.14	0.11	0.22	0.07	0.08
SD	1.75	1.68	2.05	1.58	1.43	1.53	1.24	1.41	1.24	1.84	0.66	0.86
Other station cumu. DOS, mean	0.52	0.66	0.22	0.79	0.59	0.44	0.37	0.53	0.30	0.28	0.58	0.61
SD	3.43	4.61	2.05	4.22	2.72	2.38	2.43	2.55	2.14	1.99	4.12	3.23

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Hospital based utilization: Non-Psych</u>											
(non-psych- for those with some hosp.based util.)											
Pts. with non-psych hospital stays, %	11.8%	12.8%	13.8%	12.7%	12.1%	14.7%	13.7%	10.6%	11.2%	10.0%	12.0%
Inpatient stays, mean	0.74	0.68	0.73	0.74	0.76	0.94	0.97	0.64	0.76	0.74	0.76
SD	1.11	1.07	1.12	1.13	1.16	1.25	1.29	1.01	1.02	1.06	1.10
Average LOS, mean	6.38	6.55	5.93	7.05	7.22	4.33	5.47	5.80	6.58	7.67	4.51
SD	14.13	12.72	12.69	17.49	11.74	3.74	6.84	18.18	18.95	15.56	4.52
Cumu. Days of Stay, mean	4.90	4.56	4.61	5.13	5.87	4.47	5.80	3.79	4.90	6.23	3.59
SD	15.72	16.81	17.52	16.01	18.10	8.49	13.05	15.24	16.39	23.36	8.65
Cumu. Days of Stay, %											
0	52.9%	55.5%	54.8%	52.6%	52.9%	41.9%	42.1%	57.4%	50.5%	52.1%	51.3%
1 to 7	30.7%	29.7%	31.1%	30.3%	28.9%	40.3%	38.0%	30.9%	32.1%	30.1%	34.8%
8 to 14	8.1%	7.0%	6.9%	7.8%	8.2%	9.5%	9.2%	6.5%	9.9%	8.4%	8.6%
15 to 44	6.8%	6.4%	5.8%	7.5%	7.3%	8.2%	8.6%	4.1%	5.9%	7.2%	4.6%
45 to 89	1.1%	1.0%	0.8%	1.4%	2.0%	0.0%	1.3%	0.7%	1.2%	1.3%	0.5%
90 to 179	0.3%	0.2%	0.3%	0.3%	0.5%	0.1%	0.7%	0.2%	0.3%	0.5%	0.2%
180 to 359	0.1%	0.1%	0.2%	0.1%	0.2%	0.0%	0.0%	0.1%	0.1%	0.4%	0.0%
360+	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay,%	0.2%	0.2%	0.3%	0.3%	0.3%	0.0%	0.0%	0.2%	0.4%	0.7%	0.0%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	235.36	312.00	285.33	203.50	227.00	0.00	0.00	252.50	203.33	231.57	0.00
SD	97.54	74.95	97.96	112.72	102.24	0.00	0.00	159.10	114.12	107.06	0.00
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.1%	0.1%	0.3%	0.1%	0.2%	0.0%	0.0%	0.1%	0.1%	0.4%	0.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	295.35	365.00	285.33	260.50	276.00	0.00	0.00	365.00	335.00	316.50	0.00
SD	69.29	0.00	97.96	147.79	80.61	0.00	0.00	0.00	0.00	18.79	0.00
Other VISN cumu. DOS, mean	0.14	0.01	0.14	0.24	0.10	0.24	0.08	0.13	0.09	0.35	0.21
SD	1.75	0.14	1.64	2.15	1.23	1.54	0.81	1.48	1.10	4.37	2.04
Other station cumu. DOS, mean	0.52	0.62	0.17	0.49	0.17	0.71	1.08	0.64	0.67	0.71	0.60
SD	3.43	2.98	1.74	3.65	1.54	3.11	4.12	4.03	3.37	6.97	2.86

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Hospital based utilization: Psychiatric</u> (psych- for those with some hosp.based util.)												
Pts. with psych hospital stays, %	16.3%	18.6%	13.7%	15.1%	12.5%	22.7%	19.5%	15.8%	13.5%	19.2%	16.0%	17.1%
Inpatient stays, mean	1.07	1.26	0.99	0.97	0.88	1.57	1.27	1.01	1.03	1.04	1.04	1.06
SD	1.29	1.49	1.08	1.15	0.97	2.15	1.36	1.14	1.37	1.26	1.23	1.21
Average LOS, mean	11.90	18.22	9.79	15.11	14.50	13.09	10.55	10.52	7.23	8.97	9.26	14.89
SD	20.95	38.51	10.71	21.81	27.60	31.89	19.21	11.89	7.70	16.62	12.70	26.64
Cumu. Days of Stay, mean	12.14	19.73	9.57	13.34	12.12	18.95	13.08	10.89	7.40	9.74	9.37	15.35
SD	25.67	44.07	17.17	24.43	27.28	41.46	23.77	21.73	13.81	26.52	16.46	31.63
Cumu. Days of Stay, %												
0	35.3%	31.0%	34.6%	39.0%	38.8%	25.5%	26.7%	35.1%	40.3%	35.9%	35.9%	32.7%
1 to 7	24.9%	24.1%	26.0%	17.4%	18.6%	35.9%	28.5%	22.8%	30.9%	29.4%	28.1%	20.2%
8 to 14	16.4%	16.3%	20.0%	14.8%	17.5%	13.7%	18.3%	20.3%	13.5%	18.5%	17.1%	18.8%
15 to 44	18.1%	18.4%	16.8%	22.1%	20.4%	13.8%	20.5%	17.8%	13.2%	13.8%	14.8%	21.1%
45 to 89	3.7%	5.8%	1.2%	5.0%	3.8%	6.1%	4.6%	2.7%	1.7%	1.6%	3.5%	4.0%
90 to 179	1.2%	2.6%	1.4%	1.2%	0.1%	2.8%	1.1%	1.1%	0.3%	0.1%	0.6%	2.5%
180 to 359	0.4%	1.6%	0.0%	0.4%	0.8%	2.1%	0.2%	0.2%	0.1%	0.6%	0.0%	0.3%
360+	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	0.9%	3.2%	0.6%	0.6%	0.9%	2.8%	0.5%	0.7%	0.1%	0.6%	0.2%	1.4%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	202.60	217.40	139.00	207.50	239.25	203.12	223.00	184.71	113.00	298.17	151.00	202.31
SD	77.52	83.06	33.06	68.47	73.21	64.90	90.97	76.06	0.00	53.98	2.83	87.69
Hosp. Pts. with a 150+ day psych hosp.stay, %	0.4%	2.0%	0.2%	0.4%	0.6%	1.6%	0.3%	0.3%	0.0%	0.5%	0.1%	0.6%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	250.73	257.44	168.00	234.33	281.60	238.70	253.67	209.67	0.00	316.80	153.00	285.60
SD	71.00	70.83	0.00	52.08	47.50	55.87	101.59	80.85	0.00	32.23	0.00	79.84
Other VISN cumu. DOS, mean	0.44	0.20	1.28	0.37	0.13	1.19	0.18	0.77	0.31	0.57	0.46	0.23
SD	3.18	1.69	6.80	2.42	0.86	6.86	1.37	4.14	2.27	4.45	2.98	1.75
Other station cumu. DOS, mean	1.41	2.62	1.28	1.41	1.83	3.30	1.77	1.82	0.63	1.04	1.12	1.15
SD	6.20	9.21	6.80	5.50	6.26	12.23	7.17	6.31	2.97	5.84	4.78	5.33

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Hospital based utilization: Psychiatric</u> (psych- for those with some hosp.based util.)											
Pts. with psych hospital stays, %	16.3%	19.6%	21.4%	17.3%	16.6%	14.2%	13.1%	16.7%	14.6%	12.8%	15.4%
Inpatient stays, mean	1.07	1.18	1.18	1.01	1.05	0.94	0.87	0.99	1.12	0.98	1.02
SD	1.29	1.39	1.25	1.10	1.20	1.29	1.22	1.06	1.42	1.20	1.25
Average LOS, mean	11.90	12.51	15.51	13.11	9.95	7.46	15.96	9.80	11.59	12.95	8.09
SD	20.95	25.77	28.47	16.78	11.61	6.38	18.35	13.39	13.31	17.34	9.66
Cumu. Days of Stay, mean	12.14	13.26	17.21	13.01	10.44	6.88	13.20	9.34	12.22	12.19	8.07
SD	25.67	27.49	33.29	23.34	19.86	12.23	24.43	15.54	19.77	22.67	17.92
Cumu. Days of Stay, %											
0	35.3%	32.0%	29.8%	35.2%	35.4%	43.9%	44.7%	33.1%	35.7%	38.7%	37.4%
1 to 7	24.9%	21.3%	22.2%	25.3%	26.3%	26.6%	16.5%	25.5%	22.1%	20.4%	32.2%
8 to 14	16.4%	19.1%	16.7%	12.8%	16.7%	14.8%	11.1%	22.2%	13.8%	14.6%	14.8%
15 to 44	18.1%	22.8%	22.1%	19.4%	17.5%	13.0%	20.0%	16.8%	22.3%	20.8%	13.6%
45 to 89	3.7%	3.5%	5.7%	5.8%	3.2%	1.1%	5.4%	1.8%	5.2%	4.1%	1.4%
90 to 179	1.2%	0.7%	3.0%	1.2%	0.8%	0.5%	2.0%	0.6%	0.5%	1.2%	0.6%
180 to 359	0.4%	0.4%	0.5%	0.3%	0.1%	0.0%	0.1%	0.1%	0.3%	0.3%	0.1%
360+	0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	0.9%	0.9%	1.4%	0.9%	0.5%	0.1%	0.9%	0.4%	0.4%	0.8%	0.4%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	202.60	239.89	205.75	171.75	174.60	111.00	153.50	152.50	162.00	171.38	204.33
SD	77.52	88.92	82.58	42.35	102.03	0.00	28.63	59.33	48.87	57.98	102.40
Hosp. Pts. with a 150+ day psych hosp.stay, %	0.4%	0.7%	0.7%	0.4%	0.1%	0.0%	0.0%	0.2%	0.1%	0.2%	0.2%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	250.73	255.57	247.50	212.80	355.00	0.00	0.00	201.00	196.00	190.50	245.50
SD	71.00	87.80	94.41	32.74	0.00	0.00	0.00	33.94	0.00	36.06	103.94
Other VISN cumu. DOS, mean	0.44	0.27	0.39	0.44	0.60	0.54	0.44	0.41	0.46	0.33	0.55
SD	3.18	1.67	3.02	2.45	4.08	3.31	2.64	3.19	3.18	2.31	3.10
Other station cumu. DOS, mean	1.41	1.73	0.54	1.06	1.19	1.55	2.53	1.04	1.66	0.92	0.90
SD	6.20	5.24	3.88	4.05	5.34	6.07	10.53	4.54	6.66	5.44	3.82

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
Other 24 hour institutional care												
Patients with some other 24 hour institutional care, %	7.5%	6.2%	12.3%	9.0%	9.7%	16.9%	4.9%	3.0%	4.3%	6.1%	13.5%	4.5%
<u>Residential Rehabilitation</u>												
(reported for those with some res rehab care)												
Patients with some residential rehab. care, %	2.4%	2.5%	5.3%	2.9%	1.0%	8.2%	1.4%	0.6%	2.0%	1.4%	5.9%	2.3%
Number stays, mean	1.11	1.20	1.10	1.06	1.02	1.13	1.04	1.00	1.12	1.00	1.19	1.09
SD	0.35	0.40	0.30	0.24	0.16	0.39	0.20	0.00	0.42	0.00	0.51	0.28
Average LOS, mean	33.65	25.45	34.17	22.68	30.56	47.43	25.66	51.30	50.92	11.32	16.35	34.08
SD	33.68	19.06	29.30	28.50	30.06	30.72	12.01	37.07	34.14	6.55	12.40	33.75
Cumu. DOS, mean	36.63	30.02	36.31	24.63	31.73	52.76	26.73	51.30	54.80	11.32	18.70	35.98
SD	36.63	21.62	30.35	32.12	31.65	34.18	13.39	37.07	35.74	6.55	14.27	34.62
Cumu. Days of Stay, %												
1 to 7	12.6%	9.3%	15.2%	21.0%	17.1%	7.4%	10.4%	4.3%	8.8%	34.1%	25.9%	14.8%
8 to 14	11.2%	13.6%	11.2%	28.4%	4.9%	4.3%	8.3%	13.0%	2.9%	47.7%	19.0%	4.9%
15 to 44	52.1%	59.3%	44.8%	38.3%	56.1%	37.4%	75.0%	43.5%	35.8%	18.2%	50.7%	60.5%
45 to 89	16.1%	15.3%	19.2%	6.2%	9.8%	35.0%	6.3%	13.0%	27.0%	0.0%	4.4%	8.6%
90 to 179	7.3%	2.5%	9.6%	6.2%	12.2%	16.0%	0.0%	26.1%	25.5%	0.0%	0.0%	11.1%
180 to 359	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
360+	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	4.3%	1.7%	4.8%	2.5%	7.3%	8.0%	0.0%	17.4%	8.8%	0.0%	0.0%	7.4%
Cumul. DOS, pts with a 100+ day Res Rehab stay, mean	150.16	116.00	117.50	155.00	111.33	113.85	0.00	106.00	111.75	0.00	0.00	132.00
SD	69.06	5.66	9.73	0.00	5.86	18.29	0.00	7.35	9.49	0.00	0.00	23.32
Res Rehab patients with 150+ day Res Rehab stay, %	1.4%	0.0%	0.0%	2.5%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%
Cumul. DOS, pts with a 150+ day Res Rehab stay, mean	227.27	0.00	0.00	155.00	0.00	168.00	0.00	0.00	0.00	0.00	0.00	159.50
SD	79.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.36
Other VISN cumu. DOS, mean	1.20	0.53	2.49	0.74	1.07	0.90	0.31	7.26	0.25	4.43	0.48	0.99
SD	6.33	4.12	6.59	5.51	6.56	5.25	1.48	20.91	1.73	7.67	3.71	5.74
Other station cumu. DOS, mean	3.52	5.32	2.49	2.73	3.80	3.80	4.73	7.26	0.88	4.43	2.48	2.84
SD	10.24	9.56	6.59	7.60	9.26	11.96	12.05	20.91	4.13	7.67	6.76	8.24

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
Other 24 hour institutional care											
Patients with some other 24 hour institutional care, %	7.5%	14.7%	5.9%	3.7%	11.5%	5.9%	4.5%	8.7%	4.3%	4.4%	14.9%
<u>Residential Rehabilitation</u>											
(reported for those with some res rehab care)											
Patients with some residential rehab. care, %	2.4%	5.9%	1.0%	0.2%	4.8%	0.9%	3.1%	2.4%	0.8%	0.1%	4.5%
Number stays, mean	1.11	1.14	1.05	1.00	1.07	1.09	1.10	1.06	1.08	1.00	1.13
SD	0.35	0.37	0.23	0.00	0.25	0.30	0.30	0.24	0.28	0.00	0.42
Average LOS, mean	33.65	34.79	108.93	23.82	31.17	36.33	32.97	23.43	42.58	20.00	34.09
SD	33.68	21.51	108.57	8.24	42.26	33.25	20.96	16.63	25.11	25.12	18.98
Cumu. DOS, mean	36.63	39.00	117.95	23.82	33.26	40.91	35.87	24.17	46.84	20.00	36.79
SD	36.63	25.21	120.20	8.24	44.18	43.96	23.20	16.51	32.49	25.12	20.40
Cumu. Days of Stay, %											
1 to 7	12.6%	7.2%	15.8%	9.1%	10.3%	3.1%	11.1%	8.8%	12.0%	66.7%	7.1%
8 to 14	11.2%	7.2%	2.6%	0.0%	15.8%	9.4%	7.8%	9.8%	4.0%	0.0%	7.1%
15 to 44	52.1%	56.0%	23.7%	90.9%	60.3%	68.8%	57.8%	74.5%	36.0%	0.0%	60.6%
45 to 89	16.1%	23.9%	13.2%	0.0%	5.4%	6.3%	22.2%	5.9%	40.0%	33.3%	23.9%
90 to 179	7.3%	5.7%	18.4%	0.0%	6.0%	9.4%	1.1%	1.0%	8.0%	0.0%	1.3%
180 to 359	0.6%	0.0%	21.1%	0.0%	1.6%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%
360+	0.2%	0.0%	5.3%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	4.3%	1.9%	42.1%	0.0%	5.4%	9.4%	0.0%	1.0%	0.0%	0.0%	0.6%
Cumul. DOS, pts with a 100+ day C.C. stay, mean	150.16	132.00	239.88	0.00	180.70	152.67	0.00	112.00	0.00	0.00	102.00
SD	69.06	14.17	86.22	0.00	84.04	53.98	0.00	0.00	0.00	0.00	0.00
Res Rehab patients with 150+ day Res Rehab stay, %	1.4%	0.5%	39.5%	0.0%	2.2%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Cumul. DOS, pts with a 150+ day C.C. stay, mean	227.27	152.00	247.73	0.00	257.25	215.00	0.00	0.00	0.00	0.00	0.00
SD	79.85	0.00	83.11	0.00	89.15	0.00	0.00	0.00	0.00	0.00	0.00
Other VISN cumu. DOS, mean	1.20	0.32	4.42	9.00	0.13	6.53	1.73	1.67	2.40	20.00	0.52
SD	6.33	2.72	10.30	12.97	1.70	12.45	10.11	9.42	7.74	25.12	4.98
Other station cumu. DOS, mean	3.52	4.92	4.42	9.00	2.60	6.84	4.47	3.86	2.40	20.00	2.90
SD	10.24	12.50	10.30	12.97	10.06	12.41	13.47	12.47	7.74	25.12	10.42

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Domiciliary and Vocational</u> (reported for those with some dom/voc care)												
Patients with some dom/voc care, %	3.7%	2.3%	7.3%	5.3%	6.2%	8.0%	2.3%	1.3%	0.6%	3.5%	7.7%	0.1%
Number stays, mean	1.16	1.25	1.23	1.27	1.19	1.12	1.04	1.14	1.07	1.17	1.21	1.00
<i>SD</i>	0.42	0.45	0.46	0.57	0.42	0.34	0.19	0.40	0.34	0.40	0.46	0.00
Average LOS, mean	75.70	72.96	77.75	64.93	45.97	81.37	47.26	57.35	88.25	102.43	50.32	42.25
<i>SD</i>	74.87	54.49	51.88	48.74	46.16	73.16	38.64	45.92	67.72	104.54	48.33	4.99
Cumu. DOS, mean	84.72	96.28	93.34	79.12	53.29	88.90	48.63	62.57	92.98	115.73	60.29	42.25
<i>SD</i>	80.03	81.22	63.49	60.54	51.48	76.96	39.32	48.43	69.75	111.55	56.84	4.99
Cumu. Days of Stay, %												
1 to 7	7.0%	7.5%	2.3%	4.8%	7.8%	5.0%	10.1%	3.9%	4.8%	9.7%	9.4%	0.0%
8 to 14	5.4%	4.7%	5.2%	3.4%	9.7%	3.8%	8.9%	7.8%	0.0%	7.1%	6.4%	0.0%
15 to 44	29.7%	22.6%	19.8%	29.5%	46.1%	25.0%	36.7%	33.3%	31.0%	15.9%	41.4%	50.0%
45 to 89	21.8%	19.8%	26.2%	26.7%	14.0%	25.6%	29.1%	25.5%	19.0%	23.0%	19.5%	50.0%
90 to 179	23.8%	31.1%	31.4%	29.5%	19.8%	29.4%	15.2%	23.5%	31.0%	20.4%	18.0%	0.0%
180 to 359	10.5%	13.2%	15.1%	6.2%	2.7%	9.4%	0.0%	5.9%	14.3%	15.9%	5.3%	0.0%
360+	1.8%	0.9%	0.0%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	8.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. patients with 100+ day Dom. stay, %	28.9%	39.6%	34.9%	28.8%	17.4%	33.8%	12.7%	13.7%	38.1%	38.9%	16.5%	0.0%
Cumul. DOS, pts with a 100+ day Dom. stay, mean	185.11	176.76	164.13	151.21	148.09	169.67	125.00	150.43	166.69	229.23	163.45	0.00
<i>SD</i>	74.88	66.37	41.82	50.69	29.15	77.15	23.02	45.41	42.49	95.55	45.08	0.00
Dom. patients with 150+ day Dom. stay, %	14.7%	13.2%	16.3%	6.8%	6.6%	12.5%	2.5%	3.9%	23.8%	23.9%	7.9%	0.0%
Cumul. DOS, pts with a 150+ day Dom. stay, mean	236.88	237.00	187.89	211.10	175.76	242.35	166.00	205.00	191.80	284.59	196.67	0.00
<i>SD</i>	69.26	72.32	34.59	57.70	23.33	77.21	4.24	1.41	27.88	74.49	41.32	0.00
Other VISN cumu. DOS, mean	1.87	1.42	6.44	2.74	0.98	3.33	3.59	2.61	4.45	1.97	0.82	42.25
<i>SD</i>	9.37	6.98	18.71	9.04	5.37	9.94	13.85	10.39	13.84	10.40	5.20	4.99
Other station cumu. DOS, mean	4.14	8.84	6.44	6.96	5.51	5.84	4.00	4.41	4.48	2.30	1.83	42.25
<i>SD</i>	14.02	24.32	18.71	16.39	11.80	16.51	13.99	12.50	13.84	10.69	8.49	4.99

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Domiciliary and Vocational</u>											
(reported for those with some dom/voc care)											
Patients with some dom/voc care, %	3.7%	6.2%	3.6%	2.5%	5.9%	3.1%	0.5%	5.6%	0.7%	2.6%	7.6%
Number stays, mean	1.16	1.13	1.09	1.18	1.16	1.16	1.00	1.11	1.00	1.02	1.21
SD	0.42	0.35	0.35	0.51	0.40	0.39	0.00	0.34	0.00	0.12	0.52
Average LOS, mean	75.70	87.51	100.63	64.85	113.71	66.14	25.23	108.63	50.59	86.51	55.39
SD	74.87	81.11	84.87	62.57	106.55	53.45	24.06	102.36	38.90	76.61	57.07
Cumu. DOS, mean	84.72	95.76	106.60	72.31	124.22	75.77	25.23	116.60	50.59	87.36	62.70
SD	80.03	84.97	87.30	68.56	108.57	61.32	24.06	105.80	38.90	76.68	59.19
Cumu. Days of Stay, %											
1 to 7	7.0%	4.5%	8.6%	8.7%	3.1%	4.5%	46.2%	5.9%	9.1%	11.8%	9.5%
8 to 14	5.4%	4.5%	3.6%	3.9%	3.6%	5.4%	0.0%	5.4%	9.1%	7.1%	4.6%
15 to 44	29.7%	31.4%	15.7%	37.0%	19.3%	22.3%	23.1%	27.6%	45.5%	18.1%	37.6%
45 to 89	21.8%	17.3%	22.1%	22.0%	26.0%	30.4%	30.8%	17.6%	9.1%	19.7%	23.2%
90 to 179	23.8%	25.5%	30.0%	18.9%	23.8%	33.9%	0.0%	15.9%	27.3%	29.9%	20.5%
180 to 359	10.5%	14.5%	17.9%	9.4%	16.1%	1.8%	0.0%	23.8%	0.0%	13.4%	3.4%
360+	1.8%	2.3%	2.1%	0.0%	8.1%	1.8%	0.0%	3.8%	0.0%	0.0%	1.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. patients with 100+ day Dom. stay, %	28.9%	38.2%	42.9%	25.2%	40.4%	16.1%	0.0%	41.0%	9.1%	33.1%	16.7%
Cumul. DOS, pts with a 100+ day Dom. stay, mean	185.11	183.95	187.13	173.00	231.64	162.50	0.00	226.50	122.50	175.48	156.50
SD	74.88	72.09	70.26	58.42	91.69	87.15	0.00	75.93	13.44	62.50	75.70
Dom. patients with 150+ day Dom. stay, %	14.7%	20.5%	26.4%	11.8%	28.3%	3.6%	0.0%	31.0%	0.0%	16.5%	4.9%
Cumul. DOS, pts with a 150+ day Dom. stay, mean	236.88	231.44	222.32	219.33	273.05	295.25	0.00	254.00	0.00	227.05	255.69
SD	69.26	65.17	62.13	50.88	77.91	92.41	0.00	65.87	0.00	47.22	69.12
Other VISN cumu. DOS, mean	1.87	1.16	3.27	1.46	0.00	0.63	25.23	0.13	4.23	0.32	1.02
SD	9.37	8.12	16.62	7.20	0.00	4.52	24.06	1.48	12.38	2.66	6.40
Other station cumu. DOS, mean	4.14	7.87	3.41	3.34	0.47	1.98	25.23	2.68	8.32	1.70	2.03
SD	14.02	17.94	16.66	12.04	4.94	8.79	24.06	14.48	21.09	8.95	8.25

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Nursing Home Care</u>												
(reported for those with some nursing home care)												
Patients with some nursing home care, %	2.1%	2.3%	2.0%	1.7%	2.8%	2.2%	1.4%	1.2%	1.8%	1.6%	2.5%	2.1%
Number stays, mean	1.19	1.28	1.28	1.04	1.17	1.25	1.10	1.13	1.19	1.15	1.19	1.20
<i>SD</i>	0.53	0.59	0.65	0.20	0.44	0.58	0.31	0.40	0.49	0.46	0.52	0.49
Average LOS, mean	100.60	116.93	89.70	168.15	94.33	102.30	177.53	110.78	96.57	83.87	81.74	122.90
<i>SD</i>	120.44	138.11	119.99	136.02	122.51	127.19	143.96	107.15	114.24	95.26	87.99	129.61
Cumu. DOS, mean	109.20	129.39	101.89	172.25	102.70	116.59	183.08	118.89	105.52	93.17	89.56	131.36
<i>SD</i>	122.44	138.80	122.36	137.92	126.05	132.15	140.79	109.12	115.33	103.06	91.93	129.85
Cumu. Days of Stay, %												
1 to 7	10.0%	12.8%	8.5%	8.3%	12.0%	11.4%	2.1%	0.0%	6.6%	3.8%	5.8%	6.6%
8 to 14	9.1%	7.3%	19.1%	4.2%	12.0%	2.3%	4.2%	0.0%	13.2%	5.8%	8.1%	5.3%
15 to 44	27.7%	26.6%	21.3%	8.3%	29.1%	31.8%	16.7%	37.0%	22.3%	42.3%	31.4%	23.7%
45 to 89	16.7%	13.8%	17.0%	20.8%	12.0%	15.9%	10.4%	15.2%	21.5%	15.4%	18.6%	23.7%
90 to 179	14.0%	7.3%	12.8%	18.8%	13.7%	15.9%	27.1%	26.1%	16.5%	13.5%	20.9%	10.5%
180 to 359	9.6%	12.8%	8.5%	14.6%	6.8%	4.5%	6.3%	13.0%	9.1%	15.4%	10.5%	17.1%
360+	12.9%	19.3%	12.8%	25.0%	14.5%	18.2%	33.3%	8.7%	10.7%	3.8%	4.7%	13.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH patients with 100+ day NH stay, %	32.0%	38.5%	29.8%	58.3%	29.9%	31.8%	58.3%	45.7%	28.9%	26.9%	32.6%	36.8%
Cumul. DOS, patients with a 100+ day NH stay, mean	263.08	286.40	265.36	267.57	269.26	286.93	275.93	212.90	257.86	241.57	194.82	284.39
<i>SD</i>	99.95	92.79	99.47	99.34	106.56	96.17	108.42	96.19	101.41	86.61	89.95	83.86
NH patients with 150+ day NH stay, %	24.7%	32.1%	21.3%	52.1%	23.9%	27.3%	45.8%	30.4%	21.5%	19.2%	17.4%	30.3%
Cumul. DOS, patients with a 150+ day NH stay, mean	301.68	316.74	310.80	285.00	307.29	309.92	317.27	261.29	300.69	273.30	255.13	307.43
<i>SD</i>	78.03	66.83	75.17	90.12	82.33	82.79	82.12	80.74	78.17	77.68	83.21	67.92
Other VISN cumu. DOS, mean	0.31	0.00	0.17	1.25	0.00	0.11	0.02	0.33	0.00	0.60	0.00	0.16
<i>SD</i>	4.49	0.00	1.17	8.66	0.00	0.75	0.14	2.21	0.00	3.05	0.00	1.27
Other station cumu. DOS, mean	1.18	0.46	0.17	2.92	0.75	0.11	0.02	0.33	0.07	0.60	1.50	0.53
<i>SD</i>	8.71	3.26	1.17	14.29	4.11	0.75	0.14	2.21	0.73	3.05	7.89	2.81

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Nursing Home Care</u>											
(reported for those with some nursing home care)											
Patients with some nursing home care, %	2.1%	4.0%	1.6%	1.1%	3.0%	2.2%	1.1%	1.0%	2.9%	1.8%	3.7%
Number stays, mean	1.19	1.10	1.11	1.29	1.16	1.33	1.13	1.31	1.12	1.17	1.26
SD	0.53	0.32	0.41	0.67	0.37	0.63	0.43	1.41	0.41	0.46	0.59
Average LOS, mean	100.60	147.50	74.46	93.71	101.56	53.63	113.67	65.81	90.13	70.18	77.61
SD	120.44	155.70	102.13	111.35	118.65	84.08	122.00	86.03	111.35	79.21	108.15
Cumu. DOS, mean	109.20	154.47	79.87	106.51	110.37	64.26	116.97	70.26	95.22	79.59	87.45
SD	122.44	157.54	107.22	114.28	121.73	88.72	120.59	85.02	112.67	84.33	110.13
Cumu. Days of Stay, %											
1 to 7	10.0%	13.6%	11.5%	3.4%	10.5%	8.8%	3.2%	11.9%	15.5%	8.0%	20.5%
8 to 14	9.1%	10.0%	11.5%	13.6%	6.1%	16.3%	3.2%	7.1%	12.4%	9.2%	7.1%
15 to 44	27.7%	21.4%	34.4%	32.2%	27.2%	42.5%	41.9%	33.3%	22.7%	26.4%	27.6%
45 to 89	16.7%	10.7%	23.0%	13.6%	21.1%	13.8%	6.5%	21.4%	15.5%	25.3%	14.2%
90 to 179	14.0%	5.0%	6.6%	11.9%	13.2%	8.8%	19.4%	16.7%	17.5%	19.5%	14.2%
180 to 359	9.6%	7.9%	8.2%	15.3%	9.6%	7.5%	12.9%	4.8%	6.2%	8.0%	8.7%
360+	12.9%	31.4%	4.9%	10.2%	12.3%	2.5%	12.9%	4.8%	10.3%	3.4%	7.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH patients with 100+ day NH stay, %	32.0%	42.1%	18.0%	33.9%	28.9%	15.0%	41.9%	14.3%	29.9%	25.3%	24.4%
Cumul. DOS, patients with a 100+ day NH stay, mean	263.08	328.17	280.18	241.80	276.67	247.33	229.85	240.83	238.34	194.77	254.35
SD	99.95	74.11	105.73	93.36	98.49	93.03	108.00	108.79	103.95	87.78	97.47
NH patients with 150+ day NH stay, %	24.7%	39.3%	13.1%	22.0%	22.8%	11.3%	29.0%	9.5%	22.7%	16.1%	18.1%
Cumul. DOS, patients with a 150+ day NH stay, mean	301.68	343.18	339.63	283.00	313.88	284.56	281.11	299.75	276.82	235.36	293.17
SD	78.03	49.65	33.55	81.73	72.66	73.54	88.61	76.15	89.21	84.50	79.32
Other VISN cumu. DOS, mean	0.31	0.00	0.10	4.08	0.59	0.21	0.00	0.00	0.00	0.48	0.00
SD	4.49	0.00	0.77	19.68	6.00	1.34	0.00	0.00	0.00	3.03	0.00
Other station cumu. DOS, mean	1.18	2.08	0.10	7.02	1.63	0.40	0.00	0.00	1.14	1.62	1.85
SD	8.71	11.14	0.77	25.75	12.61	2.13	0.00	0.00	7.30	7.11	11.84

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Outpatient utilization</u> (reported for those with some outpatient care)												
Patients with some outpatient care, %	99.5%	99.4%	99.4%	99.3%	99.6%	99.4%	99.4%	99.8%	99.7%	99.8%	99.7%	99.5%
annual visit days, mean	23.65	26.91	28.99	29.54	20.23	31.51	18.49	20.69	21.79	17.31	26.66	20.46
SD	28.00	29.39	31.76	37.87	25.67	38.80	20.53	22.67	22.03	17.56	31.24	26.28
Outpatient visit days, %												
1-12	42.1%	37.5%	34.9%	39.1%	47.5%	36.4%	48.8%	44.8%	40.2%	49.8%	38.5%	49.3%
13-24	27.5%	25.8%	27.4%	24.9%	28.7%	25.4%	28.5%	28.2%	31.0%	28.4%	26.6%	26.0%
25-36	12.7%	13.1%	13.7%	12.7%	11.7%	12.2%	11.9%	13.2%	13.7%	11.9%	12.9%	11.1%
37-48	6.6%	8.7%	7.3%	6.6%	4.8%	6.9%	5.4%	6.1%	6.3%	5.1%	7.0%	5.9%
49+	11.1%	15.0%	16.8%	16.7%	7.4%	19.1%	5.5%	7.8%	8.9%	4.8%	15.0%	7.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
% of Outpatients who had some Primary Care (PC)	83.4%	81.8%	87.7%	81.7%	80.8%	79.4%	84.7%	81.4%	87.0%	83.7%	83.6%	86.3%
Mean PC visit days, among those with some PC	3.85	3.65	3.97	3.53	3.39	3.84	3.84	3.55	4.18	3.59	4.13	3.40
SD	3.44	3.50	3.39	2.65	3.03	3.20	2.97	2.76	3.49	2.87	3.49	2.68
Average number clinic stops per visit day, mean	1.48	1.39	1.41	1.46	1.42	1.56	1.50	1.49	1.44	1.58	1.46	1.50
SD	0.45	0.36	0.39	0.40	0.38	0.42	0.39	0.45	0.41	0.50	0.43	0.43
annual clinic stops (psych & non-psych), mean	36.40	38.73	43.69	46.22	29.25	50.93	27.83	31.13	33.04	27.16	42.06	31.86
SD	49.75	45.73	55.48	71.47	38.08	66.77	32.91	38.10	41.51	29.34	57.06	44.42
annual non-psych. clinic stops, mean	20.03	19.45	22.12	22.00	17.13	25.27	18.01	18.79	21.26	19.65	18.78	17.97
SD	22.29	20.82	27.34	26.73	20.45	27.38	18.89	19.67	20.81	19.90	19.38	19.79

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Outpatient utilization</u>											
(reported for those with some outpatient care)											
Patients with some outpatient care, %	99.5%	98.5%	99.6%	99.6%	99.4%	99.8%	99.7%	99.8%	99.4%	99.8%	99.6%
annual visit days, mean	23.65	32.32	24.31	20.79	23.66	22.00	24.00	23.77	22.78	22.82	27.01
SD	28.00	42.94	30.75	24.04	28.87	20.15	23.50	24.28	24.15	27.75	32.71
Outpatient visit days, %											
1-12	42.1%	38.2%	41.4%	45.0%	43.5%	38.6%	37.6%	40.2%	39.7%	44.9%	41.9%
13-24	27.5%	25.3%	28.4%	29.8%	26.1%	29.6%	28.8%	26.3%	29.0%	25.6%	24.0%
25-36	12.7%	11.5%	12.5%	11.8%	13.0%	15.0%	14.0%	13.7%	13.7%	11.9%	10.8%
37-48	6.6%	6.1%	6.7%	5.4%	6.5%	7.8%	7.8%	7.7%	7.2%	6.7%	7.3%
49+	11.1%	18.8%	11.0%	8.0%	10.9%	8.9%	11.8%	12.1%	10.4%	10.9%	15.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Pts. with some OP primary care , %	83.4%	83.3%	84.6%	84.6%	86.6%	84.6%	87.2%	81.5%	82.0%	79.1%	78.5%
OP visit days with primary care clinic stops, mean	3.85	3.80	3.42	3.64	4.30	4.30	4.35	3.56	3.89	4.54	3.78
SD	3.44	3.21	2.85	3.04	3.80	3.78	4.72	3.35	3.52	4.67	3.61
Average number clinic stops per visit day, mean	1.48	1.62	1.57	1.52	1.51	1.46	1.42	1.41	1.33	1.41	1.73
SD	0.45	0.50	0.51	0.42	0.45	0.39	0.35	0.35	0.36	0.43	0.61
annual clinic stops (psych & non-psych), mean	36.40	56.08	40.09	31.71	35.25	33.01	34.63	33.78	31.37	33.74	50.60
SD	49.75	87.28	56.74	38.18	43.88	34.79	38.61	36.81	37.01	52.25	70.05
annual non-psych. clinic stops, mean	20.03	24.77	21.09	18.62	22.16	20.35	20.04	18.28	18.04	18.56	22.56
SD	22.29	27.60	26.38	17.82	24.86	20.75	19.98	21.49	18.09	23.37	27.20

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
annual psych. clinic stops (groupings below), mean	16.38	19.29	21.57	24.22	12.12	25.66	9.82	12.34	11.78	7.51	23.29	13.89
<i>SD</i>	37.33	34.35	36.73	55.93	28.19	50.02	21.78	26.08	28.56	16.96	46.94	33.39
1. general psych. clinic stops, mean	7.33	7.76	9.87	7.93	6.36	8.71	5.95	6.64	5.73	4.62	8.79	5.42
<i>SD</i>	12.26	10.94	11.86	12.07	8.19	16.08	8.08	8.47	8.62	5.95	14.43	7.90
2. psych. case management clinic stops, mean	0.69	1.18	0.87	0.63	0.23	0.48	0.49	0.71	0.12	0.21	1.53	1.12
<i>SD</i>	7.98	12.49	8.16	5.60	3.22	5.21	5.79	8.16	2.77	3.77	9.30	10.56
3. psych. day treatment clinic stops, mean	1.44	2.01	2.79	2.27	0.62	2.35	0.71	0.39	1.38	0.13	1.58	1.79
<i>SD</i>	14.95	11.21	18.01	18.01	9.23	12.24	8.56	5.86	13.69	4.08	11.50	14.29
4. substance abuse clinic stops, mean	4.31	4.94	5.32	8.11	3.20	8.94	1.34	2.62	3.32	1.92	8.36	3.33
<i>SD</i>	20.20	17.95	16.79	36.77	21.08	32.71	7.81	15.53	18.40	12.30	29.71	15.14
5. psych. vocational clinic stops, mean	1.33	1.68	0.96	3.50	0.83	2.87	0.81	0.94	0.63	0.29	1.33	1.37
<i>SD</i>	12.03	11.51	6.26	21.14	8.23	16.09	9.89	8.85	7.25	4.69	10.20	13.69
6. PTSD clinic stops, mean	0.75	1.12	1.09	1.04	0.54	1.66	0.24	0.81	0.26	0.13	1.02	0.40
<i>SD</i>	5.41	5.43	5.87	6.83	3.60	8.89	2.58	6.22	2.18	1.49	8.46	3.10
7. psych. homeless clinic stops, mean	0.49	0.71	0.47	0.74	0.31	0.67	0.21	0.19	0.26	0.18	0.71	0.42
<i>SD</i>	3.41	6.04	2.72	3.57	2.23	3.59	1.77	1.50	1.84	1.21	3.76	2.46
Other VISN OP visit days, mean	0.48	0.29	0.81	0.66	0.36	0.83	0.39	0.44	0.39	0.48	0.54	0.34
<i>SD</i>	2.74	2.23	4.24	3.87	2.10	4.06	2.64	2.36	1.92	2.50	3.24	1.98
Other station OP visit days, mean	1.14	1.77	0.81	1.57	1.33	1.88	1.03	1.10	0.75	0.67	1.30	1.30
<i>SD</i>	4.38	5.41	4.24	5.58	3.83	6.56	3.49	3.81	2.99	2.92	5.07	3.60

Table 3D: FY04 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
annual psych. clinic stops (groupings below), mean	16.38	31.31	19.00	13.09	13.09	12.66	14.59	15.50	13.34	15.18	28.05
<i>SD</i>	37.33	71.92	43.04	27.75	29.08	22.30	26.88	25.05	27.32	40.38	53.88
1. general psych. clinic stops, mean	7.33	10.71	8.69	5.33	5.97	7.96	8.44	7.36	7.10	7.17	11.56
<i>SD</i>	12.26	21.45	17.10	6.70	9.51	11.03	13.29	10.00	10.25	13.93	20.91
2. psych. case management clinic stops, mean	0.69	2.73	0.72	0.38	0.50	0.45	0.75	0.52	0.13	0.23	1.16
<i>SD</i>	7.98	19.30	9.92	4.74	6.97	7.44	6.50	6.30	2.39	3.60	7.98
3. psych. day treatment clinic stops, mean	1.44	4.27	0.39	0.83	0.59	0.19	0.91	1.01	1.08	2.47	3.67
<i>SD</i>	14.95	35.13	7.46	9.99	8.35	4.95	8.19	9.17	8.34	29.61	19.57
4. substance abuse clinic stops, mean	4.31	8.05	5.30	3.48	3.05	2.55	3.20	4.46	3.28	3.16	7.27
<i>SD</i>	20.20	36.08	19.13	14.88	15.30	11.36	15.26	14.36	17.59	14.48	25.25
5. psych. vocational clinic stops, mean	1.33	3.96	2.60	1.04	2.06	0.57	0.22	0.47	0.66	0.59	2.49
<i>SD</i>	12.03	24.43	18.96	9.03	13.88	5.82	3.98	6.06	9.21	6.98	17.43
6. PTSD clinic stops, mean	0.75	0.86	0.92	0.84	0.41	0.64	0.63	1.28	0.77	0.65	1.30
<i>SD</i>	5.41	6.70	5.57	6.16	3.14	3.54	3.74	6.21	4.89	5.34	8.77
7. psych. homeless clinic stops, mean	0.49	0.71	0.40	1.12	0.45	0.30	0.36	0.41	0.28	0.87	0.49
<i>SD</i>	3.41	6.04	2.20	6.40	2.62	2.05	2.26	2.17	1.83	2.92	3.41
Other VISN OP visit days, mean	0.48	0.42	0.49	0.50	0.50	0.62	0.54	0.47	0.38	0.42	0.61
<i>SD</i>	2.74	2.66	2.81	2.68	3.08	2.74	2.81	2.68	2.08	2.57	3.27
Other station OP visit days, mean	1.14	2.05	0.54	0.90	0.76	1.19	1.15	1.11	1.02	0.87	1.66
<i>SD</i>	4.38	7.82	2.99	3.51	3.53	3.95	4.27	4.15	3.54	3.68	5.92

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Hospital Based Utilization</u>												
Patients with some Hospital Based Utilization, %	29.0%	25.5%	25.6%	28.9%	20.2%	32.0%	31.1%	29.7%	25.0%	39.0%	26.7%	29.9%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)												
Inpatient stays, mean	1.83	1.87	1.89	1.77	1.73	1.97	1.77	1.77	1.86	1.94	1.94	1.98
SD	1.41	1.51	1.43	1.22	1.28	1.66	1.26	1.38	1.57	1.48	1.57	1.52
Average LOS, mean	9.06	10.41	7.13	12.16	9.80	8.91	11.78	10.42	8.30	8.61	7.97	8.74
SD	14.06	13.36	5.65	20.22	18.71	17.98	20.95	19.09	11.35	9.70	13.54	18.34
Cumulative DOS, mean	15.93	18.68	13.74	20.36	15.68	16.92	19.74	18.06	15.00	16.16	14.61	16.26
SD	23.25	28.94	14.55	28.08	23.29	28.81	31.66	30.74	19.75	20.18	19.95	28.71
Cumulative DOS, %												
1 to 7	43.5%	38.6%	46.6%	38.0%	42.8%	45.9%	40.3%	43.0%	45.9%	40.4%	41.5%	43.7%
8 to 14	22.6%	21.9%	22.0%	19.3%	22.9%	23.8%	20.1%	22.9%	22.4%	22.3%	24.1%	21.0%
15 to 44	27.3%	31.3%	26.0%	31.6%	28.3%	23.1%	30.2%	25.7%	25.3%	30.4%	29.2%	29.5%
45 to 89	5.2%	6.0%	5.4%	9.0%	4.7%	3.9%	6.6%	6.2%	5.2%	5.3%	4.3%	4.8%
90 to 179	1.1%	1.4%	0.0%	1.6%	0.9%	2.6%	2.2%	1.2%	0.9%	1.4%	0.8%	0.3%
180 to 359	0.3%	0.6%	0.0%	0.3%	0.2%	0.7%	0.3%	0.8%	0.2%	0.2%	0.2%	0.3%
360+	0.1%	0.2%	0.0%	0.2%	0.2%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hospital pts with a 100+ day hospital stay, %	0.6%	0.9%	0.0%	0.5%	0.6%	1.7%	1.7%	1.3%	0.4%	0.4%	0.2%	0.6%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	197.35	237.00	0.00	220.67	208.75	179.50	198.33	211.47	176.43	163.00	304.00	312.50
SD	79.69	78.59	0.00	126.67	107.11	52.43	91.07	83.10	65.19	59.43	0.00	75.32
Hospital pts who had a 150+ day hosp. stay, %	0.3%	0.5%	0.0%	0.3%	0.3%	0.9%	1.0%	0.7%	0.1%	0.1%	0.2%	0.6%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	249.65	286.33	0.00	267.00	276.50	210.20	242.00	242.75	264.50	193.00	304.00	312.50
SD	77.13	82.20	0.00	138.59	125.16	45.47	94.14	81.39	7.78	0.00	0.00	75.32
Cumulative DOS at Other VISNs	0.31	0.08	0.39	0.49	0.27	0.52	0.14	0.35	0.31	0.44	0.21	0.30
SD	2.72	0.76	2.61	3.82	1.84	3.37	1.03	3.22	2.62	3.63	1.88	2.56
Cumulative DOS at Other Stations	1.05	2.22	0.39	1.45	1.18	1.62	0.94	1.53	0.62	0.56	0.97	1.83
SD	5.06	7.74	2.61	6.25	4.45	5.77	3.94	6.26	3.49	3.84	3.88	6.04

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Hospital Based Utilization</u>											
Patients with some Hospital Based Utilization, %	29.0%	30.8%	33.4%	28.8%	29.9%	32.7%	33.6%	29.0%	27.7%	25.5%	31.4%
<u>Hospital based utilization: Overall</u>											
(psych & non-psych- for those with some hosp.util.)											
Inpatient stays, mean	1.83	1.80	1.98	1.76	1.74	1.86	1.87	1.83	1.77	1.70	1.85
SD	1.41	1.30	1.46	1.38	1.33	1.38	1.47	1.32	1.35	1.27	1.36
Average LOS, mean	9.06	8.74	7.28	9.84	9.39	6.40	9.05	7.45	8.92	11.53	6.37
SD	14.06	16.16	7.66	13.37	13.17	7.10	12.11	6.93	12.44	16.13	5.70
Cumulative DOS, mean	15.93	14.84	14.28	16.52	15.70	11.77	16.42	13.16	15.50	18.79	11.64
SD	23.25	23.52	16.99	22.04	21.32	13.79	21.71	14.10	23.32	29.13	12.69
Cumulative DOS, %											
1 to 7	43.5%	45.5%	43.9%	42.2%	40.9%	49.1%	44.3%	42.4%	46.2%	42.1%	50.5%
8 to 14	22.6%	22.9%	23.7%	20.8%	25.0%	27.1%	22.8%	26.0%	21.3%	19.5%	23.4%
15 to 44	27.3%	25.6%	27.0%	30.3%	28.3%	20.2%	25.4%	27.4%	26.1%	28.6%	23.0%
45 to 89	5.2%	4.7%	4.7%	4.9%	4.8%	3.3%	5.8%	3.8%	5.0%	7.9%	3.0%
90 to 179	1.1%	1.0%	0.6%	1.5%	0.7%	0.3%	1.8%	0.4%	0.8%	1.3%	0.1%
180 to 359	0.3%	0.1%	0.1%	0.3%	0.2%	0.0%	0.0%	0.0%	0.5%	0.7%	0.0%
360+	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hospital pts with a 100+ day hospital stay, %	0.6%	0.8%	0.3%	0.4%	0.4%	0.1%	0.4%	0.0%	0.6%	1.3%	0.1%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	197.35	192.29	158.00	196.50	168.33	116.00	164.50	0.00	183.20	187.00	136.00
SD	79.69	107.48	51.18	53.49	79.74	0.00	4.95	0.00	56.86	85.15	0.00
Hospital pts who had a 150+ day hosp. stay, %	0.3%	0.2%	0.1%	0.2%	0.1%	0.0%	0.2%	0.0%	0.4%	0.7%	0.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	249.65	346.50	215.00	216.33	260.00	0.00	161.00	0.00	222.00	240.67	0.00
SD	77.13	26.16	0.00	71.67	0.00	0.00	0.00	0.00	28.62	89.97	0.00
Cumulative DOS at Other VISNs	0.31	0.16	0.25	0.27	0.20	0.43	0.23	0.30	0.43	0.41	0.45
SD	2.72	1.41	1.87	3.25	1.58	3.35	1.60	2.48	2.70	3.21	3.31
Cumulative DOS at Other Stations	1.05	1.10	0.38	0.86	0.79	0.98	1.41	1.22	1.58	0.91	0.85
SD	5.06	4.63	2.46	6.67	4.36	4.81	5.64	5.29	5.06	4.83	3.77

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Hospital based utilization: Non-Psych</u>												
(non-psych- for those with some hosp.based util.)												
Patients. with non-psych hospital stays, %	21.8%	19.7%	22.1%	21.1%	15.8%	22.4%	22.4%	21.9%	20.6%	30.5%	19.8%	22.1%
Inpatient stays, mean	1.35	1.39	1.60	1.29	1.36	1.25	1.19	1.26	1.49	1.48	1.40	1.50
SD	1.40	1.44	1.39	1.28	1.33	1.34	1.21	1.32	1.45	1.50	1.50	1.65
Average LOS, mean	7.67	8.47	6.61	11.42	6.87	6.61	9.26	8.47	8.42	8.15	7.38	6.52
SD	10.80	9.85	5.29	20.90	6.05	6.22	13.51	12.44	12.50	10.41	8.17	6.82
Cumulative Days of Stay, mean	10.16	11.55	10.96	13.99	9.35	8.21	10.94	11.10	12.17	11.67	10.03	9.51
SD	17.36	18.18	13.77	25.53	13.45	12.51	21.07	22.26	19.23	19.08	15.35	13.40
Cumulative Days of Stay, %												
0	24.6%	22.7%	13.6%	26.8%	22.1%	29.9%	28.0%	26.0%	17.5%	21.8%	25.9%	26.3%
1 to 7	37.3%	34.2%	43.1%	28.6%	39.2%	36.1%	35.1%	36.9%	39.3%	35.8%	34.9%	36.4%
8 to 14	16.1%	16.9%	19.5%	14.7%	17.9%	15.8%	13.4%	15.3%	17.7%	15.9%	15.0%	14.4%
15 to 44	18.3%	21.2%	19.8%	22.9%	18.2%	16.3%	18.8%	17.2%	20.7%	21.6%	20.4%	19.1%
45 to 89	3.1%	4.1%	4.1%	5.4%	2.2%	1.5%	3.6%	3.5%	3.9%	3.7%	3.4%	3.5%
90 to 179	0.5%	0.8%	0.0%	1.1%	0.5%	0.3%	0.8%	0.8%	0.9%	1.1%	0.5%	0.2%
180 to 359	0.1%	0.2%	0.0%	0.2%	0.0%	0.0%	0.1%	0.2%	0.2%	0.2%	0.0%	0.0%
360+	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Patients. with a 100+ day non-psych hosp.stay, %	0.3%	0.3%	0.0%	0.3%	0.0%	0.0%	0.5%	0.5%	0.4%	0.4%	0.0%	0.0%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	186.89	175.00	0.00	246.50	0.00	0.00	212.75	212.67	174.86	163.00	0.00	0.00
SD	74.64	42.43	0.00	167.58	0.00	0.00	102.39	97.64	64.40	59.43	0.00	0.00
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.3%	0.3%	0.1%	0.1%	0.0%	0.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	243.11	0.00	0.00	365.00	0.00	0.00	233.00	254.00	261.50	193.00	0.00	0.00
SD	76.97	0.00	0.00	0.00	0.00	0.00	115.17	103.18	12.02	0.00	0.00	0.00
Other VISN cumulative DOS, mean	0.18	0.03	0.15	0.29	0.19	0.25	0.07	0.15	0.24	0.33	0.06	0.26
SD	2.12	0.39	1.05	2.53	1.61	2.40	0.69	2.09	2.48	3.39	1.07	2.47
Other station cumulative DOS, mean	0.58	1.33	0.15	0.96	0.67	0.52	0.39	0.76	0.47	0.37	0.50	1.17
SD	3.85	5.30	1.05	4.90	2.90	3.22	2.24	4.58	3.23	3.44	2.66	4.25

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Hospital based utilization: Non-Psych</u>											
(non-psych- for those with some hosp.based util.)											
Patients. with non-psych hospital stays, %	21.8%	22.9%	26.2%	21.0%	21.8%	26.6%	26.2%	21.2%	18.9%	16.9%	24.6%
Inpatient stays, mean	1.35	1.34	1.54	1.29	1.21	1.45	1.41	1.33	1.10	1.11	1.44
SD	1.40	1.33	1.50	1.47	1.26	1.34	1.49	1.40	1.20	1.33	1.46
Average LOS, mean	7.67	7.55	6.13	7.76	9.05	5.80	6.54	6.31	7.22	8.88	5.81
SD	10.80	9.07	6.13	8.50	14.49	6.81	7.21	5.89	13.74	17.09	5.34
Cumulative Days of Stay, mean	10.16	9.84	9.59	9.98	10.47	8.44	9.35	8.35	7.55	9.40	8.31
SD	17.36	15.36	13.42	16.56	18.21	11.94	14.44	12.35	16.81	21.59	11.74
Cumulative Days of Stay, %											
0	24.6%	25.8%	21.6%	26.9%	27.1%	18.6%	22.0%	26.9%	32.0%	33.9%	21.8%
1 to 7	37.3%	36.5%	38.7%	35.9%	33.7%	44.9%	41.3%	37.1%	40.2%	33.8%	43.2%
8 to 14	16.1%	16.3%	17.8%	14.6%	17.0%	20.1%	17.8%	16.1%	13.2%	13.3%	17.8%
15 to 44	18.3%	17.1%	18.9%	19.4%	18.4%	14.1%	16.4%	18.0%	12.5%	14.8%	14.6%
45 to 89	3.1%	3.8%	2.6%	2.6%	3.1%	2.2%	1.9%	1.8%	1.4%	3.7%	2.5%
90 to 179	0.5%	0.5%	0.3%	0.5%	0.6%	0.1%	0.5%	0.3%	0.3%	0.1%	0.1%
180 to 359	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.4%	0.3%	0.0%
360+	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.3%	0.2%	0.2%	0.2%	0.4%	0.1%	0.0%	0.0%	0.5%	0.4%	0.1%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	186.89	146.00	128.50	206.00	168.33	116.00	0.00	0.00	165.25	250.75	136.00
SD	74.64	9.90	20.51	39.89	79.74	0.00	0.00	0.00	46.50	89.04	0.00
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.3%	0.4%	0.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	243.11	0.00	0.00	160.00	260.00	0.00	0.00	0.00	205.50	250.75	0.00
SD	76.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.12	89.04	0.00
Other VISN cumulative DOS, mean	0.18	0.09	0.12	0.11	0.08	0.30	0.17	0.16	0.12	0.26	0.18
SD	2.12	0.94	1.30	2.56	0.90	2.60	1.49	1.99	1.18	2.83	2.22
Other station cumulative DOS, mean	0.58	0.66	0.20	0.57	0.25	0.69	0.56	0.72	0.74	0.51	0.47
SD	3.85	3.57	1.90	6.14	1.81	4.06	2.65	3.93	3.53	3.82	2.72

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Hospital based utilization: Psychiatric</u> (psych- for those with some hosp.based util.)												
Patients. with psych hospital stays, %	9.1%	7.6%	4.9%	9.3%	5.6%	11.7%	11.5%	9.8%	6.0%	11.6%	9.0%	9.8%
Inpatient stays, mean	0.48	0.48	0.30	0.48	0.38	0.72	0.58	0.51	0.38	0.45	0.54	0.48
SD	0.97	1.02	0.91	0.88	0.78	1.50	1.03	1.02	0.97	0.91	1.09	0.86
Average LOS, mean	12.70	17.01	9.95	14.78	18.30	13.62	17.06	14.92	7.99	10.26	9.46	14.14
SD	20.49	28.41	7.22	19.61	33.31	29.29	31.30	28.48	6.96	9.36	20.79	30.56
Cumulative Days of Stay, mean	5.77	7.13	2.78	6.37	6.33	8.70	8.80	6.96	2.84	4.49	4.58	6.74
SD	17.85	24.23	8.11	15.74	21.48	27.62	26.26	23.11	7.94	10.59	14.47	27.28
Cumulative Days of Stay, %												
0	68.5%	70.4%	80.8%	67.9%	72.4%	63.4%	63.1%	67.0%	75.9%	70.4%	66.4%	67.3%
1 to 7	11.6%	8.8%	7.9%	11.5%	7.7%	15.3%	11.9%	11.5%	11.8%	10.2%	13.1%	13.5%
8 to 14	8.3%	6.7%	4.6%	7.0%	6.8%	8.7%	9.2%	9.3%	7.0%	9.0%	10.5%	6.9%
15 to 44	9.1%	11.1%	6.0%	9.7%	10.7%	8.0%	11.1%	8.9%	4.3%	8.9%	9.1%	10.1%
45 to 89	1.9%	1.9%	0.8%	3.6%	1.6%	1.9%	3.0%	2.3%	0.9%	1.1%	0.8%	1.6%
90 to 179	0.4%	0.5%	0.0%	0.3%	0.5%	2.0%	1.4%	0.3%	0.1%	0.3%	0.0%	0.0%
180 to 359	0.2%	0.5%	0.0%	0.0%	0.2%	0.7%	0.1%	0.6%	0.0%	0.0%	0.2%	0.3%
360+	0.0%	0.2%	0.0%	0.0%	0.2%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	0.4%	0.6%	0.0%	0.2%	0.6%	1.7%	1.2%	0.8%	0.0%	0.0%	0.2%	0.6%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	199.85	252.25	0.00	169.00	208.75	175.70	187.73	206.56	0.00	0.00	304.00	312.50
SD	81.60	74.94	0.00	0.00	107.11	55.90	91.51	76.22	0.00	0.00	0.00	75.32
Hosp. Pts. with a 150+ day psych hosp.stay, %	0.2%	0.5%	0.0%	0.2%	0.3%	0.9%	0.7%	0.4%	0.0%	0.0%	0.2%	0.6%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	247.92	266.67	0.00	169.00	276.50	210.20	237.50	236.00	0.00	0.00	304.00	312.50
SD	77.11	84.72	0.00	0.00	125.16	45.47	99.40	78.21	0.00	0.00	0.00	75.32
Other VISN cumulative DOS, mean	0.14	0.06	0.24	0.19	0.08	0.27	0.07	0.20	0.06	0.10	0.15	0.04
SD	1.63	0.65	2.41	2.89	0.66	2.39	0.67	2.39	0.75	1.14	1.50	0.56
Other station cumulative DOS, mean	0.46	0.89	0.24	0.49	0.52	1.10	0.55	0.77	0.15	0.19	0.47	0.67
SD	3.25	5.76	2.41	3.87	3.22	4.82	3.26	4.34	1.22	1.59	2.76	4.27

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Hospital based utilization: Psychiatric</u> (psych- for those with some hosp.based util.)											
Patients. with psych hospital stays, %	9.1%	9.5%	9.7%	9.7%	9.9%	8.4%	9.8%	9.6%	11.0%	10.5%	8.9%
Inpatient stays, mean	0.48	0.46	0.44	0.46	0.54	0.41	0.46	0.50	0.67	0.59	0.41
SD	0.97	0.92	0.88	0.81	1.09	0.96	0.99	0.91	1.17	0.90	0.82
Average LOS, mean	12.70	11.69	10.59	14.52	9.82	8.78	16.25	10.00	11.69	16.55	8.38
SD	20.49	26.86	10.38	19.88	8.45	10.23	18.84	8.46	9.18	20.24	7.22
Cumulative Days of Stay, mean	5.77	5.00	4.69	6.54	5.24	3.34	7.07	4.82	7.95	9.39	3.33
SD	17.85	19.94	13.07	17.48	14.75	9.25	19.10	10.59	18.72	21.96	8.08
Cumulative Days of Stay, %											
0	68.5%	69.1%	71.0%	66.1%	66.9%	74.3%	70.9%	66.8%	60.4%	58.9%	71.8%
1 to 7	11.6%	13.0%	10.8%	12.0%	12.1%	10.8%	8.5%	11.5%	12.3%	13.7%	13.3%
8 to 14	8.3%	8.6%	8.1%	8.1%	10.3%	8.0%	6.0%	10.6%	10.1%	8.1%	7.1%
15 to 44	9.1%	7.8%	8.1%	10.6%	9.1%	5.9%	10.2%	9.8%	13.3%	13.8%	7.4%
45 to 89	1.9%	0.9%	1.6%	2.3%	1.4%	1.1%	3.2%	1.3%	3.4%	4.1%	0.4%
90 to 179	0.4%	0.5%	0.2%	0.7%	0.1%	0.0%	1.2%	0.1%	0.4%	1.0%	0.0%
180 to 359	0.2%	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%
360+	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	0.4%	0.6%	0.1%	0.3%	0.0%	0.0%	0.4%	0.0%	0.1%	0.9%	0.0%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	199.85	210.00	215.00	187.60	0.00	0.00	159.50	0.00	254.00	145.75	0.00
SD	81.60	124.79	0.00	66.92	0.00	0.00	2.12	0.00	0.00	43.43	0.00
Hosp. Pts. with a 150+ day psych hosp.stay, %	0.2%	0.2%	0.1%	0.1%	0.0%	0.0%	0.2%	0.0%	0.1%	0.2%	0.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	247.92	344.50	215.00	244.50	0.00	0.00	161.00	0.00	254.00	192.50	0.00
SD	77.11	28.99	0.00	74.25	0.00	0.00	0.00	0.00	0.00	43.13	0.00
Other VISN cumulative DOS, mean	0.14	0.07	0.13	0.16	0.12	0.13	0.06	0.15	0.31	0.15	0.27
SD	1.63	1.06	1.36	1.92	1.28	1.50	0.60	1.49	2.43	1.39	2.46
Other station cumulative DOS, mean	0.46	0.44	0.17	0.29	0.54	0.29	0.84	0.50	0.83	0.40	0.39
SD	3.25	2.75	1.59	2.56	3.89	1.96	5.07	3.59	3.72	2.94	2.67

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (cointinued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
Other 24 hour institutional care												
Patients with some other 24 hour institutional care, %	9.3%	8.3%	13.7%	9.3%	11.7%	17.3%	8.1%	6.9%	6.6%	9.6%	12.1%	9.9%
<u>Residential Rehabilitation</u>												
(reported for those with some res rehab care)												
Patients with some residential rehab. care, %	0.8%	0.2%	1.5%	2.3%	0.4%	1.4%	1.0%	0.3%	0.4%	0.4%	2.1%	1.4%
Number stays, mean	1.11	1.00	1.33	1.17	1.08	1.04	1.04	1.21	1.04	1.00	1.10	1.17
SD	0.35	0.00	0.80	0.38	0.28	0.20	0.19	0.43	0.20	0.00	0.30	0.38
Average LOS, mean	32.53	29.83	22.38	16.55	70.88	38.38	42.19	42.00	47.94	12.00	13.96	47.63
SD	36.35	25.86	19.72	12.55	93.73	29.29	65.32	27.94	35.48	5.69	10.12	58.10
Cumulative DOS, mean	34.94	29.83	25.05	18.31	76.77	39.72	42.67	50.86	49.92	12.00	15.00	52.93
SD	37.73	25.86	19.52	12.80	96.47	29.82	65.15	34.83	37.08	5.69	11.02	59.53
Cumulative Days of Stay, %												
1 to 7	15.3%	16.7%	23.8%	16.7%	7.7%	20.0%	0.0%	7.1%	23.1%	27.3%	30.0%	20.0%
8 to 14	11.4%	16.7%	0.0%	20.8%	7.7%	4.0%	7.4%	7.1%	0.0%	54.5%	30.0%	6.7%
15 to 44	52.2%	50.0%	61.9%	58.3%	46.2%	44.0%	77.8%	35.7%	30.8%	18.2%	36.0%	43.3%
45 to 89	13.7%	16.7%	14.3%	4.2%	7.7%	20.0%	11.1%	28.6%	15.4%	0.0%	4.0%	10.0%
90 to 179	6.5%	0.0%	0.0%	0.0%	23.1%	12.0%	0.0%	21.4%	30.8%	0.0%	0.0%	16.7%
180 to 359	0.6%	0.0%	0.0%	0.0%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%
360+	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	3.1%	0.0%	0.0%	0.0%	30.8%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	13.3%
Cumul. DOS, pts with a 100+ day Res Rehab stay, mean	184.47	0.00	0.00	0.00	195.00	0.00	365.00	0.00	0.00	0.00	0.00	174.25
SD	76.68	0.00	0.00	0.00	96.17	0.00	0.00	0.00	0.00	0.00	0.00	64.67
Res Rehab pts with 150+ day Res Rehab stay, %	1.8%	0.0%	0.0%	0.0%	15.4%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	6.7%
Cumul. DOS, pts with a 150+ day Res Rehab stay, mean	220.22	0.00	0.00	0.00	253.00	0.00	365.00	0.00	0.00	0.00	0.00	219.50
SD	81.17	0.00	0.00	0.00	117.38	0.00	0.00	0.00	0.00	0.00	0.00	65.76
Other VISN cumulative DOS, mean	1.43	0.00	0.95	0.19	0.54	2.96	0.00	7.71	0.92	2.27	0.00	1.20
SD	7.71	0.00	4.36	1.30	1.94	8.24	0.00	24.40	4.14	6.33	0.00	6.39
Other station cumulative DOS, mean	3.76	2.00	0.95	3.13	7.15	7.40	5.48	7.71	0.92	2.27	1.12	3.50
SD	11.01	4.90	4.36	7.93	10.15	13.16	10.69	24.40	4.14	6.33	3.56	11.07

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (cointinued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
Other 24 hour institutional care												
Patients with some other 24 hour institutional care, %	9.3%	8.3%	13.7%	9.3%	11.7%	17.3%	8.1%	6.9%	6.6%	9.6%	12.1%	9.9%
<u>Residential Rehabilitation</u>												
(reported for those with some res rehab care)												
Patients with some residential rehab. care, %	0.8%	0.2%	1.5%	2.3%	0.4%	1.4%	1.0%	0.3%	0.4%	0.4%	2.1%	1.4%
Number stays, mean	1.11	1.00	1.33	1.17	1.08	1.04	1.04	1.21	1.04	1.00	1.10	1.17
SD	0.35	0.00	0.80	0.38	0.28	0.20	0.19	0.43	0.20	0.00	0.30	0.38
Average LOS, mean	32.53	29.83	22.38	16.55	70.88	38.38	42.19	42.00	47.94	12.00	13.96	47.63
SD	36.35	25.86	19.72	12.55	93.73	29.29	65.32	27.94	35.48	5.69	10.12	58.10
Cumulative DOS, mean	34.94	29.83	25.05	18.31	76.77	39.72	42.67	50.86	49.92	12.00	15.00	52.93
SD	37.73	25.86	19.52	12.80	96.47	29.82	65.15	34.83	37.08	5.69	11.02	59.53
Cumulative Days of Stay, %												
1 to 7	15.3%	16.7%	23.8%	16.7%	7.7%	20.0%	0.0%	7.1%	23.1%	27.3%	30.0%	20.0%
8 to 14	11.4%	16.7%	0.0%	20.8%	7.7%	4.0%	7.4%	7.1%	0.0%	54.5%	30.0%	6.7%
15 to 44	52.2%	50.0%	61.9%	58.3%	46.2%	44.0%	77.8%	35.7%	30.8%	18.2%	36.0%	43.3%
45 to 89	13.7%	16.7%	14.3%	4.2%	7.7%	20.0%	11.1%	28.6%	15.4%	0.0%	4.0%	10.0%
90 to 179	6.5%	0.0%	0.0%	0.0%	23.1%	12.0%	0.0%	21.4%	30.8%	0.0%	0.0%	16.7%
180 to 359	0.6%	0.0%	0.0%	0.0%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%
360+	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	3.1%	0.0%	0.0%	0.0%	30.8%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	13.3%
Cumul. DOS, pts with a 100+ day Res Rehab stay, mean	184.47	0.00	0.00	0.00	195.00	0.00	365.00	0.00	0.00	0.00	0.00	174.25
SD	76.68	0.00	0.00	0.00	96.17	0.00	0.00	0.00	0.00	0.00	0.00	64.67
Res Rehab pts with 150+ day Res Rehab stay, %	1.8%	0.0%	0.0%	0.0%	15.4%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	6.7%
Cumul. DOS, pts with a 150+ day Res Rehab stay, mean	220.22	0.00	0.00	0.00	253.00	0.00	365.00	0.00	0.00	0.00	0.00	219.50
SD	81.17	0.00	0.00	0.00	117.38	0.00	0.00	0.00	0.00	0.00	0.00	65.76
Other VISN cumulative DOS, mean	1.43	0.00	0.95	0.19	0.54	2.96	0.00	7.71	0.92	2.27	0.00	1.20
SD	7.71	0.00	4.36	1.30	1.94	8.24	0.00	24.40	4.14	6.33	0.00	6.39
Other station cumulative DOS, mean	3.76	2.00	0.95	3.13	7.15	7.40	5.48	7.71	0.92	2.27	1.12	3.50
SD	11.01	4.90	4.36	7.93	10.15	13.16	10.69	24.40	4.14	6.33	3.56	11.07

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Domiciliary and Vocational</u> (reported for those with some dom/voc care)												
Patients with some dom/voc care, %	1.3%	0.4%	1.0%	2.4%	1.4%	3.4%	1.2%	1.1%	0.1%	1.0%	2.6%	0.0%
Number stays, mean	1.14	1.36	1.57	1.25	1.20	1.15	1.06	1.09	1.17	1.22	1.13	0.00
SD	0.39	0.67	0.51	0.48	0.46	0.36	0.24	0.35	0.41	0.49	0.33	0.00
Average LOS, mean	75.82	74.85	92.43	57.47	50.38	87.06	46.50	55.15	77.50	100.29	57.03	0.00
SD	76.43	42.05	42.13	46.70	55.32	73.97	33.00	52.45	52.25	91.52	46.12	0.00
Cumulative DOS, mean	84.65	110.36	137.29	70.53	62.00	97.23	49.29	60.02	90.50	114.75	63.70	0.00
SD	83.16	88.85	58.78	62.08	67.88	78.62	35.50	59.50	61.31	104.88	52.12	0.00
Cumulative Days of Stay, %												
1 to 7	6.8%	0.0%	0.0%	3.9%	4.4%	11.3%	8.6%	15.2%	0.0%	6.3%	9.4%	0.0%
8 to 14	5.5%	0.0%	0.0%	2.0%	11.1%	0.0%	2.9%	10.9%	0.0%	6.3%	3.1%	0.0%
15 to 44	30.5%	18.2%	7.1%	45.1%	48.9%	16.1%	42.9%	28.3%	33.3%	21.9%	32.8%	0.0%
45 to 89	21.6%	36.4%	14.3%	13.7%	11.1%	30.6%	37.1%	19.6%	16.7%	15.6%	26.6%	0.0%
90 to 179	23.5%	18.2%	42.9%	33.3%	15.6%	27.4%	8.6%	19.6%	50.0%	21.9%	23.4%	0.0%
180 to 359	9.5%	27.3%	35.7%	2.0%	8.9%	12.9%	0.0%	6.5%	0.0%	25.0%	4.7%	0.0%
360+	2.6%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	3.1%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
Dom. pts with 100+ day Dom. stay, %	28.4%	36.4%	57.1%	23.5%	17.8%	33.9%	8.6%	17.4%	50.0%	37.5%	20.3%	0.0%
Cumul. DOS, pts with a 100+ day Dom. stay, mean	188.87	214.00	180.13	147.67	184.38	182.33	133.67	162.00	142.67	224.67	143.46	0.00
SD	81.11	52.16	33.82	65.81	34.73	65.70	33.08	44.32	29.37	87.82	38.11	0.00
Dom. pts with 150+ day Dom. stay, %	15.5%	18.2%	35.7%	5.9%	13.3%	17.7%	2.9%	13.0%	16.7%	28.1%	7.8%	0.0%
Cumul. DOS, pts with a 150+ day Dom. stay, mean	239.78	213.50	187.80	221.00	195.50	219.64	171.00	182.50	163.00	258.11	181.20	0.00
SD	75.81	85.56	23.02	110.96	32.59	61.20	0.00	27.07	0.00	73.82	30.68	0.00
Other VISN cumulative DOS, mean	1.66	0.00	8.57	4.22	2.00	1.44	1.77	2.00	6.83	2.19	0.50	0.00
SD	8.93	0.00	13.40	15.77	13.42	8.93	9.65	6.98	16.74	12.19	4.00	0.00
Other station cumulative DOS, mean	3.83	23.73	8.57	10.25	11.62	4.47	1.80	3.30	6.83	2.84	0.61	0.00
SD	13.58	34.86	13.40	21.55	28.24	14.98	9.64	8.33	16.74	12.63	4.08	0.00

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Domiciliary and Vocational</u> (reported for those with some dom/voc care)											
Patients with some dom/voc care, %	1.3%	1.8%	0.7%	1.0%	2.7%	0.6%	0.2%	3.0%	0.9%	0.9%	2.5%
Number stays, mean	1.14	1.10	1.20	1.14	1.13	1.06	1.00	1.08	1.04	1.06	1.19
SD	0.39	0.30	0.41	0.46	0.38	0.24	0.00	0.31	0.20	0.25	0.43
Average LOS, mean	75.82	89.91	106.03	61.30	115.31	67.64	24.33	91.02	67.83	92.72	59.45
SD	76.43	93.95	82.94	62.54	106.32	45.72	25.77	101.52	50.81	86.99	70.52
Cumulative DOS, mean	84.65	97.55	118.40	68.21	125.19	77.56	24.33	95.94	68.27	95.41	66.36
SD	83.16	104.86	85.89	66.53	109.32	78.67	25.77	104.88	50.35	87.91	71.24
Cumulative Days of Stay, %											
1 to 7	6.8%	5.9%	0.0%	5.7%	2.7%	5.6%	33.3%	6.3%	3.8%	9.4%	8.5%
8 to 14	5.5%	3.9%	5.0%	11.4%	4.0%	0.0%	0.0%	3.8%	7.7%	12.5%	8.5%
15 to 44	30.5%	33.3%	20.0%	27.1%	18.7%	33.3%	33.3%	42.5%	30.8%	21.9%	30.5%
45 to 89	21.6%	15.7%	15.0%	27.1%	25.3%	33.3%	33.3%	8.8%	19.2%	12.5%	32.2%
90 to 179	23.5%	25.5%	40.0%	22.9%	24.0%	22.2%	0.0%	21.3%	34.6%	25.0%	15.3%
180 to 359	9.5%	7.8%	15.0%	5.7%	16.0%	5.6%	0.0%	11.3%	3.8%	18.8%	1.7%
360+	2.6%	7.8%	5.0%	0.0%	9.3%	0.0%	0.0%	6.3%	0.0%	0.0%	3.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. pts with 100+ day Dom. stay, %	28.4%	35.3%	50.0%	24.3%	40.0%	16.7%	0.0%	35.0%	26.9%	43.8%	13.6%
Cumul. DOS, pts with a 100+ day Dom. stay, mean	188.87	209.44	172.50	163.88	231.07	204.33	0.00	209.96	136.00	181.21	202.63
SD	81.11	102.37	80.27	66.19	95.92	133.72	0.00	102.21	23.18	57.17	103.00
Dom. pts with 150+ day Dom. stay, %	15.5%	23.5%	20.0%	11.4%	29.3%	5.6%	0.0%	18.8%	3.8%	25.0%	6.8%
Cumul. DOS, pts with a 150+ day Dom. stay, mean	239.78	257.83	241.75	212.63	270.95	357.00	0.00	288.87	182.00	221.25	273.00
SD	75.81	91.92	90.76	66.81	79.15	0.00	0.00	74.92	0.00	40.02	107.24
Other VISN cumulative DOS, mean	1.66	0.00	4.80	1.79	0.00	0.00	24.33	0.00	2.35	0.03	2.69
SD	8.93	0.00	20.77	6.11	0.00	0.00	25.77	0.00	6.68	0.18	10.77
Other station cumulative DOS, mean	3.83	1.71	6.20	2.49	0.89	0.00	24.33	1.94	2.58	0.03	3.81
SD	13.58	6.58	21.37	8.15	5.83	0.00	25.77	8.13	6.70	0.18	11.59

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Nursing Home Care</u>												
(reported for those with some nursing home care)												
Patients with some nursing home care, %	7.4%	7.7%	11.9%	5.4%	10.0%	12.9%	6.1%	5.4%	6.2%	8.4%	8.5%	8.5%
Number stays, mean	1.27	1.40	1.40	1.21	1.32	1.24	1.21	1.17	1.22	1.22	1.19	1.30
SD	0.65	0.88	0.70	0.68	0.62	0.52	0.52	0.38	0.49	0.50	0.53	0.66
Average LOS, mean	59.49	62.70	44.15	82.29	69.07	64.71	61.40	86.70	59.66	42.47	66.18	84.93
SD	79.71	89.95	56.11	104.23	95.83	80.67	82.81	93.85	81.67	56.66	75.85	106.04
Cumulative DOS, mean	68.89	72.10	53.75	87.15	78.54	76.13	67.12	96.85	68.44	49.64	74.24	96.52
SD	85.86	94.73	60.84	105.20	99.67	90.11	83.59	100.26	89.45	62.94	79.95	110.14
Cumulative Days of Stay, %												
1 to 7	10.8%	12.4%	11.1%	6.1%	13.7%	9.3%	12.7%	4.1%	8.6%	11.5%	7.8%	10.2%
8 to 14	14.9%	14.5%	13.5%	16.5%	10.5%	14.4%	19.1%	13.3%	22.6%	11.1%	8.3%	10.8%
15 to 44	33.7%	34.2%	38.0%	33.9%	32.5%	33.1%	26.6%	26.1%	30.9%	52.5%	35.1%	27.3%
45 to 89	17.2%	17.1%	20.5%	13.0%	17.2%	15.7%	16.2%	17.9%	15.9%	10.7%	18.5%	16.5%
90 to 179	12.5%	9.3%	10.5%	10.4%	12.4%	14.0%	14.5%	21.1%	11.2%	8.4%	19.5%	15.3%
180 to 359	8.3%	7.3%	6.4%	13.9%	8.3%	10.6%	8.7%	11.5%	9.0%	5.0%	8.8%	12.5%
360+	2.7%	5.2%	0.0%	6.1%	5.4%	3.0%	2.3%	6.0%	1.9%	0.8%	2.0%	7.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH pts with 100+ day NH stay, %	19.1%	20.7%	12.9%	26.1%	22.3%	22.9%	20.2%	31.2%	18.1%	9.6%	25.9%	30.1%
Cumul. DOS, pts with a 100+ day NH stay, mean	218.07	232.88	187.82	242.57	237.64	216.52	206.46	219.81	233.49	212.40	184.77	238.25
SD	87.07	92.89	60.11	89.13	97.39	82.79	81.35	90.77	87.45	78.16	77.76	96.90
NH pts with 150+ day NH stay, %	12.6%	13.5%	8.8%	19.1%	15.6%	16.1%	13.3%	19.3%	13.8%	6.1%	13.2%	20.5%
Cumul. DOS, pts with a 150+ day NH stay, mean	261.31	274.12	216.33	282.50	284.53	253.34	245.35	266.10	265.69	252.69	236.19	282.25
SD	74.61	77.94	50.47	66.76	77.72	70.81	72.45	82.93	73.18	66.43	76.12	81.45
Other VISN cumulative DOS, mean	0.21	0.52	0.12	0.23	0.03	0.30	0.07	0.78	0.08	0.18	0.00	0.42
SD	3.86	7.20	1.61	2.52	0.40	3.05	0.91	11.51	1.56	1.85	0.00	4.85
Other station cumulative DOS, mean	0.78	1.08	0.12	0.77	1.24	0.41	0.12	2.17	0.59	0.18	0.25	1.89
SD	7.23	8.04	1.61	4.43	12.09	3.48	1.09	14.69	6.24	1.85	1.65	9.54

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Nursing Home Care</u>											
(reported for those with some nursing home care)											
Patients with some nursing home care, %	7.4%	7.4%	6.3%	3.3%	9.8%	11.4%	4.7%	6.2%	10.4%	6.3%	11.4%
Number stays, mean	1.27	1.21	1.21	1.28	1.27	1.28	1.31	1.24	1.57	1.22	1.23
SD	0.65	0.51	0.54	0.64	0.50	0.50	0.69	0.62	1.38	0.51	0.49
Average LOS, mean	59.49	52.15	44.82	60.13	67.17	45.97	67.35	41.63	61.86	52.61	47.57
SD	79.71	81.19	62.20	75.62	76.00	63.02	92.64	61.11	87.35	64.74	61.65
Cumulative DOS, mean	68.89	58.53	51.79	69.96	82.54	54.98	77.61	47.40	74.77	63.75	56.35
SD	85.86	83.84	68.08	83.15	89.63	68.01	97.56	66.38	92.94	75.64	70.52
Cumulative Days of Stay, %											
1 to 7	10.8%	15.9%	12.8%	11.4%	8.5%	6.6%	16.3%	14.2%	15.5%	9.3%	12.5%
8 to 14	14.9%	15.9%	21.8%	15.5%	14.4%	19.9%	11.3%	18.9%	11.7%	9.7%	14.7%
15 to 44	33.7%	37.7%	30.2%	30.9%	25.8%	38.2%	26.3%	41.4%	29.3%	38.1%	34.7%
45 to 89	17.2%	14.0%	20.1%	18.6%	19.2%	16.4%	22.5%	12.4%	16.9%	23.9%	20.8%
90 to 179	12.5%	7.2%	8.4%	12.3%	17.7%	13.9%	8.8%	4.7%	14.1%	10.6%	11.7%
180 to 359	8.3%	6.8%	5.6%	10.5%	12.2%	3.5%	10.0%	8.3%	9.0%	6.6%	4.5%
360+	2.7%	2.4%	1.1%	0.9%	2.2%	1.6%	5.0%	0.0%	3.4%	1.8%	1.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH pts with 100+ day NH stay, %	19.1%	14.0%	11.2%	22.7%	23.6%	12.6%	18.8%	12.4%	23.4%	14.6%	13.2%
Cumul. DOS, pts with a 100+ day NH stay, mean	218.07	242.59	213.80	203.96	214.72	194.53	257.33	202.67	212.62	214.00	203.34
SD	87.07	82.89	79.95	71.76	81.51	92.26	81.72	69.97	93.88	88.87	84.68
NH pts with 150+ day NH stay, %	12.6%	11.6%	8.4%	14.1%	15.5%	6.0%	16.3%	9.5%	14.1%	8.4%	7.2%
Cumul. DOS, pts with a 150+ day NH stay, mean	261.31	264.21	242.13	240.35	254.64	269.74	275.23	230.69	269.07	266.21	256.00
SD	74.61	74.02	71.20	64.34	70.87	81.88	71.93	54.64	78.78	78.60	75.55
Other VISN cumulative DOS, mean	0.21	0.07	0.01	0.83	0.13	0.31	0.05	0.04	0.00	0.23	0.13
SD	3.86	0.58	0.07	8.38	2.19	2.75	0.45	0.39	0.00	2.52	1.86
Other station cumulative DOS, mean	0.78	0.80	0.04	1.12	1.41	0.55	0.66	0.24	0.66	1.19	0.69
SD	7.23	4.81	0.53	8.72	12.20	4.43	5.49	1.88	5.28	8.22	4.66

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Outpatient utilization</u>												
(reported for those with some outpatient care)												
Patients with some outpatient care, %	99.7%	99.7%	99.9%	99.6%	99.2%	99.6%	99.7%	99.5%	99.8%	99.7%	99.7%	99.2%
annual visit days, mean	19.15	20.11	23.64	22.81	15.69	22.01	15.54	19.04	17.68	16.80	20.79	17.38
SD	22.64	24.52	28.45	28.34	23.84	29.55	16.05	21.59	17.81	15.76	24.45	19.54
Outpatient visit days, %												
1-12	49.0%	47.7%	42.6%	44.9%	61.4%	45.7%	55.0%	48.6%	48.7%	50.5%	47.6%	53.8%
13-24	27.2%	25.5%	28.6%	26.2%	21.5%	28.1%	27.7%	28.0%	29.3%	27.5%	25.8%	24.1%
25-36	11.7%	13.0%	12.2%	12.4%	8.9%	12.3%	8.8%	11.1%	11.4%	13.1%	12.0%	11.0%
37-48	5.4%	6.1%	5.2%	6.1%	3.6%	5.2%	4.7%	5.5%	6.0%	4.7%	5.8%	5.6%
49+	6.7%	7.6%	11.4%	10.3%	4.6%	8.8%	3.8%	6.8%	4.5%	4.2%	8.8%	5.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
% of Outpts who had some Primary Care (PC)	88.6%	86.7%	89.3%	86.7%	88.3%	85.8%	88.4%	87.6%	92.2%	88.9%	90.7%	91.4%
Mean PC visit days, among those with some PC	4.08	4.08	4.15	3.62	3.29	4.79	4.00	3.90	4.23	3.82	4.47	3.70
SD	3.81	3.87	3.36	3.28	2.86	4.23	3.23	3.00	3.50	3.30	4.11	3.04
Average number clinic stops per visit day, mean	1.52	1.42	1.45	1.46	1.46	1.59	1.60	1.56	1.45	1.64	1.42	1.52
SD	0.51	0.49	0.50	0.46	0.54	0.50	0.55	0.54	0.47	0.56	0.46	0.46
annual clinic stops (psych & non-psych), mean	29.44	29.32	35.85	34.09	23.01	34.98	24.45	29.47	26.32	27.28	31.08	27.42
SD	38.15	37.18	48.40	49.93	34.29	48.20	25.82	36.00	29.51	27.53	41.32	34.31
annual non-psych. clinic stops, mean	23.05	22.80	28.73	24.45	18.08	25.44	20.88	22.78	22.51	24.73	22.89	21.67
SD	26.52	26.73	36.19	28.43	22.75	24.88	22.05	22.50	23.37	25.66	27.67	24.52

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Outpatient utilization</u>											
(reported for those with some outpatient care)											
Patients with some outpatient care, %	99.7%	99.5%	99.8%	99.8%	99.7%	99.8%	99.6%	99.9%	99.4%	99.7%	99.7%
annual visit days, mean	19.15	21.32	17.50	16.98	19.22	19.96	19.95	20.85	22.75	21.00	21.20
SD	22.64	27.85	21.54	19.01	20.75	19.04	20.93	22.24	28.74	26.71	25.94
Outpatient visit days, %											
1-12	49.0%	47.6%	52.1%	52.4%	47.0%	41.7%	46.4%	44.4%	44.0%	47.1%	47.8%
13-24	27.2%	25.1%	27.4%	28.1%	28.8%	31.7%	26.8%	27.5%	25.8%	27.4%	25.9%
25-36	11.7%	13.0%	10.6%	10.8%	11.8%	13.3%	13.2%	12.7%	14.0%	12.1%	11.4%
37-48	5.4%	5.5%	4.6%	4.2%	5.8%	6.9%	5.6%	6.6%	6.4%	5.4%	5.4%
49+	6.7%	8.8%	5.3%	4.5%	6.7%	6.4%	7.9%	8.7%	9.8%	8.0%	9.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Pts. with some OP primary care , %	88.6%	90.4%	89.7%	87.6%	89.1%	88.8%	88.2%	87.8%	85.7%	87.7%	86.5%
OP visit days with primary care clinic stops, mean	4.08	4.26	3.46	3.72	4.35	4.57	4.57	4.23	4.20	4.74	4.10
SD	3.81	3.86	4.16	2.88	3.68	3.89	8.01	3.88	4.18	4.57	3.69
Average number clinic stops per visit day, mean	1.52	1.61	1.54	1.59	1.56	1.48	1.46	1.47	1.40	1.47	1.69
SD	0.51	0.52	0.49	0.53	0.52	0.45	0.47	0.43	0.53	0.53	0.57
annual clinic stops (psych & non-psych), mean	29.44	34.75	27.96	26.60	28.94	29.65	29.58	30.65	32.40	32.99	37.29
SD	38.15	48.07	35.81	30.38	31.40	30.71	33.40	33.50	45.46	55.10	51.20
annual non-psych. clinic stops, mean	23.05	26.30	21.91	20.74	24.01	24.72	23.02	22.54	22.12	25.03	26.86
SD	26.52	28.42	24.86	20.75	24.66	24.82	23.82	23.52	23.47	43.96	33.17

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
annual psych. clinic stops (groupings below), mean	6.39	6.53	7.11	9.64	4.94	9.54	3.57	6.69	3.81	2.55	8.19	5.75
SD	23.41	21.88	27.96	37.53	23.77	34.71	11.06	23.07	14.26	7.76	28.10	18.48
1. general psych. clinic stops, mean	2.82	3.15	2.86	3.42	1.93	2.88	2.21	2.84	2.27	1.81	3.39	2.43
SD	7.13	8.14	6.58	7.82	5.01	9.31	4.86	6.73	5.03	3.95	8.24	5.29
2. psych. case management clinic stops, mean	0.13	0.14	0.55	0.15	0.04	0.10	0.23	0.13	0.02	0.01	0.20	0.25
SD	3.20	4.37	6.15	2.46	1.07	1.63	4.02	2.78	1.18	0.34	3.37	5.54
3. psych. day treatment clinic stops, mean	0.46	0.48	2.02	0.24	0.10	0.45	0.13	0.30	0.46	0.06	0.29	0.74
SD	7.36	6.60	21.38	4.35	3.66	4.80	3.10	7.71	6.00	2.11	3.78	6.65
4. substance abuse clinic stops, mean	1.83	1.79	0.90	3.64	2.12	4.78	0.50	1.52	0.68	0.45	2.54	1.16
SD	14.88	14.65	7.04	29.07	20.36	28.51	3.66	11.61	8.56	4.89	14.08	7.98
5. psych. vocational clinic stops, mean	0.47	0.41	0.22	1.25	0.29	0.58	0.21	0.78	0.15	0.05	0.92	0.48
SD	7.47	5.84	2.64	13.50	5.76	7.49	5.96	9.71	3.69	0.64	11.13	6.31
6. PTSD clinic stops, mean	0.46	0.50	0.43	0.58	0.36	0.47	0.16	0.95	0.13	0.12	0.52	0.41
SD	4.26	3.82	3.43	4.98	3.36	4.29	1.60	6.59	1.61	1.40	5.71	3.59
7. psych. homeless clinic stops, mean	0.20	0.10	0.13	0.37	0.10	0.30	0.10	0.14	0.07	0.04	0.34	0.26
SD	2.10	1.11	1.18	2.90	0.93	2.09	0.93	1.39	1.15	0.40	3.93	1.77
Other VISN OP visit days, mean	0.29	0.29	0.40	0.50	0.18	0.37	0.21	0.30	0.27	0.26	0.26	0.26
SD	1.97	1.76	2.37	3.67	1.38	2.33	1.71	2.10	1.71	1.58	1.66	1.34
Other station OP visit days, mean	0.68	1.03	0.40	1.04	0.67	0.99	0.64	0.82	0.47	0.36	0.68	1.07
SD	3.14	3.62	2.37	5.02	2.76	4.87	2.60	3.47	2.33	1.83	3.07	3.43

Table 3E: FY04 Patients w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
annual psych. clinic stops (groupings below), mean	6.39	8.46	6.06	5.87	4.93	4.93	6.56	8.11	10.28	7.96	10.43
SD	23.41	33.62	22.08	19.12	15.02	15.91	19.92	21.42	35.45	25.21	32.30
1. general psych. clinic stops, mean	2.82	3.27	2.63	2.56	2.34	3.22	3.06	2.99	3.44	3.75	4.59
SD	7.13	11.07	6.11	4.59	4.66	7.36	8.02	5.77	6.84	9.55	13.84
2. psych. case management clinic stops, mean	0.13	0.15	0.10	0.06	0.09	0.34	0.52	0.25	0.06	0.04	0.14
SD	3.20	3.53	2.93	1.45	2.83	6.56	5.65	4.17	1.95	1.58	2.23
3. psych. day treatment clinic stops, mean	0.46	0.62	0.26	0.26	0.19	0.01	0.49	0.86	0.69	0.80	1.40
SD	7.36	7.28	6.72	6.13	4.44	0.53	4.90	8.95	7.40	11.72	12.88
4. substance abuse clinic stops, mean	1.83	3.16	2.09	1.40	1.19	0.58	1.69	2.66	4.53	2.22	2.33
SD	14.88	22.84	13.99	9.46	7.45	5.54	10.69	13.36	28.26	15.32	13.08
5. psych. vocational clinic stops, mean	0.47	0.87	0.41	0.62	0.55	0.41	0.22	0.21	0.66	0.22	0.74
SD	7.47	12.06	8.20	7.51	7.12	7.53	5.67	3.98	9.34	4.25	9.50
6. PTSD clinic stops, mean	0.46	0.23	0.49	0.62	0.33	0.26	0.33	0.84	0.49	0.49	0.99
SD	4.26	2.57	3.99	4.98	2.89	2.30	2.54	5.91	5.34	4.03	7.99
7. psych. homeless clinic stops, mean	0.20	0.15	0.07	0.28	0.21	0.13	0.20	0.28	0.38	0.42	0.21
SD	2.10	1.65	0.74	3.22	1.64	1.09	1.92	1.89	4.10	2.28	2.05
Other VISN OP visit days, mean	0.29	0.22	0.27	0.22	0.30	0.34	0.48	0.34	0.27	0.30	0.43
SD	1.97	1.58	2.06	1.80	1.89	1.94	2.80	1.87	1.63	1.83	2.84
Other station OP visit days, mean	0.68	0.99	0.30	0.46	0.53	0.69	0.88	0.81	0.75	0.64	0.98
SD	3.14	3.96	2.12	2.55	2.88	3.04	3.74	3.02	2.82	2.99	4.49

Chapter 4

Pharmacy Utilization

Background

This chapter describes outpatient antipsychotic and mood stabilizers use among 92,326 veterans with a schizophrenia or schizoaffective disorder and 78,963 veterans with bipolar disorder who had one or more VA treatment contacts during FY04.

Antipsychotic medications are an essential component of the treatment of patients with schizophrenia. Treatment guidelines for patients with schizophrenia recommend long-term antipsychotic use for patients with more than one episode of psychosis (American Psychiatric Association Work Group on Schizophrenia, Revised 2004). Antipsychotic medications are also being used more frequently for patients with bipolar disorder. First-generation antipsychotic medications have long been used to control symptoms during manic episodes, and the FDA has approved all second generation antipsychotic agents for this indication. In addition, olanzapine and aripiprazole are now FDA-approved for the maintenance treatment of bipolar disorder. In the future, other second-generation agents may obtain FDA indications for maintenance treatment or treatment of other phases of bipolar disorder.

Receipt of Outpatient Medications/Outpatient Oral Antipsychotic Medications

Table 4A reports the percentages of patients with schizophrenia/schizoaffective disorder, bipolar disorder, or other psychoses who received any outpatient medications and the percentages who received any oral outpatient antipsychotic medications.

As would be expected from our selection criteria, (veterans with a psychotic diagnosis and treatment contacts), the use of outpatient medications was high. Fully 96% of all patients in the Registry, 96% of veterans with schizophrenia or schizoaffective disorder, and 97% of veterans with a bipolar diagnosis filled at least one outpatient prescription during the year.

Approximately 79% of veterans with schizophrenia filled at least one oral antipsychotic prescription during the year as did 49% of veterans with bipolar disorder. Because data from the VA Pharmacy Benefits Management group do not consistently include depot antipsychotics, another 10-20% of veterans with schizophrenia may have received antipsychotic medication in a depot formulation (Valenstein, Copeland, Owen, Blow, & Visnic, 2001). Thus, the large majority of patients with schizophrenia treated in the VA during 2004, received antipsychotic medication.

The use of antipsychotic medication among patients with bipolar disorder has been increasing over time, with 32% of bipolar patients receiving antipsychotic medications in fiscal year 1999, 43% in fiscal year 2002 and 49% in fiscal year 2004. However, among bipolar patients receiving just one antipsychotic (77%), the number of antipsychotic fills has remained relatively stable, averaging between 6.0 and 6.5 fills during each of these fiscal years. In comparison, patients with schizophrenia receiving just one antipsychotic (70%) had an average of 8 antipsychotic fills during the year.

Receipt of Second-generation Antipsychotics Among Patients With Schizophrenia

For patients who received any antipsychotic fills in FY04, Table 4A reports the percentages of patients who received some second-generation agents during the year and the percentages of patients who received each of the specific second-generation agents: aripiprazole, clozapine,

olanzapine, quetiapine, risperidone, and ziprasidone. (Note that patients receiving more than one second-generation antipsychotic were counted once for each type of antipsychotic received). In FY04, the shift from using first to second-generation antipsychotic agents appeared to be almost complete with 89% of registry patients receiving antipsychotics medications receiving a second-generation agent. A higher percentage of patients with schizophrenia (14%) than with bipolar disorder (6.5%) received first-generation antipsychotics only.

In FY04, olanzapine and risperidone continued to be the most frequently used antipsychotic medications among patients with schizophrenia, with 32% and 38% of patients with schizophrenia on antipsychotic medication receiving olanzapine and/or risperidone, respectively. Olanzapine use has decreased from its peak between FY00 and FY02, when between 39-40% of patients with schizophrenia were receiving this medication to 32% in FY04. In contrast, use of quetiapine among patients with schizophrenia is increasing; 13% of these patients used this medication in FY01, and 24% of received this medication in FY04. Use of aripiprazole by patients with schizophrenia has increased substantially in the past year, from 1.5% in FY03 when it was first included in the registry report, to 5% overall use in FY04. Table 1, below, summarizes receipt of second-generation agents for patients with schizophrenia in fiscal years 2001 through 2004.

The use of second-generation agents in the VA health system is similar to the use of these agents in other settings (Hermann et al., 2002; Vanelli, Burstein, & Cramer, 2001), and the recent Guideline for Atypical Antipsychotic Drugs (GAO) report confirmed that VA psychiatrists believe they have reasonable levels of access to these newer antipsychotic medications (VA Health Care: Implementation of Prescribing Guideline for Atypical Antipsychotic Drugs Generally Sound. [GAO-02-579](#) April 29, 2002).

Table 1. Use of Atypical Antipsychotics by Patients with Schizophrenia that Received any Antipsychotic Medication During the Fiscal Year

Fiscal Year	Olanzapine	Quetiapine	Risperidone	Clozapine	Ziprasidone	Aripiprazole
2001 (N=74,054)	40%	13%	36%	2.9%	not available	not available
2002 (N=78,618)	38%	18%	37%	3.0%	4%	not available
2003 (N=79,858)	36%	22%	37%	3.1%	6%	1.5%
2004 (N=79,770)	32%	24%	38%	3.1%	7%	5%

Receipt of Clozapine Among Patients with Schizophrenia

Clozapine use deserves particular scrutiny, as clozapine is the only antipsychotic agent that appears to be uniquely effective in patients with refractory schizophrenia. In FY03 and FY04, only 3.1 % of veterans with schizophrenia received clozapine. Clozapine use had a small absolute increase of 0.2% over the last 4 years, increasing from 2.9% of patients with schizophrenia in FY01 to 3.1 % of these patients in FY04 (See Table 1, above). However, rates of use remain low given that approximately 20-25% of patients with schizophrenia are refractory to treatment with other agents. Clozapine use also continues to vary considerably across VISNs (by a factor of 5). Reasons for low overall use of clozapine and the variation in use across VISNs are unclear, but this continues to be an area of interest.

Average Number of Prescriptions and Medication Possession Ratio (MPR)

These measures assess the continuity of antipsychotic use among patients with schizophrenia. Interruptions in antipsychotic use increase the risk of relapse, rehospitalization and admission rates among patients with schizophrenia (Valenstein et al., 2002).

For patients with schizophrenia receiving just one antipsychotic during FY04, table 4A lists the average number of antipsychotic prescriptions filled, the average medication possession ratio (MPR), and the percentage of patients who have MPRs <0.8 and <0.5.

The MPR is the ratio of the “number of days supply” of medication that a patient *has received* divided by the “number of days supply” that they *should have received* had they been taking medication as prescribed. An MPR of 1 indicates that the patient has received all the medication needed to take their antipsychotic medication as prescribed; whereas, a MPR of 0.5 indicates that the patient has received medication sufficient to take only half of the prescribed dose. We calculate the MPR for patients who received only one type of antipsychotic during the year, as calculations are more straightforward for these patients. The majority (70%) of patients with schizophrenia in FY04 received just one antipsychotic medication.

In FY04, patients with schizophrenia filled an average of 8.0 antipsychotic prescriptions. The average MPR was 0.83 for patients with schizophrenia and approximately 37% of these veterans had MPRs below 0.8, indicating poor antipsychotic adherence. Although the percentage of poorly adherent veterans has decreased over time, improvements in adherence may now be stabilizing (rates of poor adherence were 44% in FY99, 36% in FY 2002 and 37% in FY2003). Previous work suggests that changing from first to second generation antipsychotic agents may result in modest improvements in adherence {Valenstein, Blow, et al. 2004 #6438}. These modest improvements may now be fully realized with the almost complete change-over to second-generation agents in the VA system. Unfortunately, poor adherence continues to be a substantial problem among veterans with schizophrenia.

Receipt of Concurrent Antipsychotic Treatment Among Patients with Schizophrenia

Because psychiatrists may cross-taper antipsychotics when switching medications, our measure of concurrent antipsychotic treatment includes only those individuals receiving two different antipsychotics concurrently for more than 60 days.

While undoubtedly helpful for some patients, the overall effectiveness of concurrent antipsychotics remains unclear (APA Schizophrenia Guideline, 2004). Nevertheless, in FY04, 11.6% of patients in the registry and 16.6 % of patients with schizophrenia received concurrent antipsychotic treatment.

Patients with schizophrenia had an *absolute* increase of approximately 6% in the use of concurrent antipsychotic treatment and a *relative* increase of 57 % in the use of this treatment strategy since FY99. (In FY99, 10.6% of patients with schizophrenia received concurrent antipsychotic treatment compared to 16.6% currently). Substantial use of concurrent antipsychotics has also been reported in other treatment settings (Clark et al., 2002). This practice raises a concern that patients who are refractory to antipsychotic treatment might be preferentially receiving an “add-on” antipsychotic agent rather than a clozapine trial. Closer monitoring and examination of treatment pathways may be warranted.

Receipt of Second-generation Antipsychotics Among Patients With Bipolar Disorder

As shown in Table 2, below, quetiapine was the most frequently used antipsychotic among patients with bipolar disorder in FY04. Use of quetiapine has steadily increased among these patients during the past four years, from 17% in FY01 to 41% of bipolar patients in FY04. Conversely, use of both olanzapine and risperidone is decreasing: In FY01, 49% and 34% of patients with bipolar disorder used olanzapine and risperidone, respectively. In FY04, 34% and 30% of bipolar patients received olanzapine and risperidone, respectively. Use of aripiprazole by patients with bipolar disorder has increased substantially in the past year, from 1.5% in FY03 when it was first included in the registry report, to 4% in FY04.

Table 2. Use of Atypical Antipsychotics by patients with Bipolar Disorder that Received any Antipsychotic Medication During the Fiscal Year

Fiscal Year	Olanzapine	Quetiapine	Risperidone	Clozapine	Ziprasidone	Aripiprazole
2001 (N=56,050)	49%	17%	34%	0.1%	not available	not available
2002 (N=63,170)	45%	26%	32%	0.2%	3%	not available
2003 (N=68,342)	41%	34%	31%	0.2%	5%	1.5%
2004 (N=73,830)	34%	41%	30%	0.2%	6%	4%

Receipt of Mood Stabilizers Among Patients with Bipolar Disorder

As noted in the table below, depakote is the most commonly used mood stabilizing agent among patients with bipolar disorder. Lithium is used by only 22% of patients. This pattern is similar to practice patterns that have been observed in large managed care settings. Goodwin et al. reported that in two large managed care organizations, initial prescriptions of lithium outnumbered initial prescriptions of divalproex by 6:1 in 1994 but by 2001, divalproex prescriptions outnumbered lithium prescriptions 2:1. (Goodwin et al., 2003). This may be problematic, given that several studies suggest that lithium may have a specific antisuicide effect, (Baldessarini et al., 2003), and Goodwin et al found higher rates of completed suicide and attempted suicide among patients with bipolar disorder during periods of treatment with divalproex than during periods of treatment with lithium. (Goodwin et al., 2003).

Table 3. Mood Stabilizer Use Among FY04 Registry Patients

	All patients	Schizophrenia	Bipolar Disorder	Other
Carbamazepine	3.48%	2.64%	5.90%	1.70%
Divalproex	19.18%	15.31%	35.48%	4.50%
Gabapentin	8.82%	6.19%	13.09%	7.34%
Lamotrigine	2.44%	0.80%	5.91%	0.48%
Lithium	9.75%	5.51%	22.09%	0.53%
Topiramate	1.99%	1.29%	3.83%	0.72%
Total	234,588	92,326	78,963	63,299

We do not formally report antipsychotic Medication Possession Ratios (MPRs) for bipolar patients because physicians may prescribe antipsychotic medications intermittently rather than continuously for these patients. However, with an average of 6.1 antipsychotic fills, many VA patients with bipolar disorder do appear to be receiving antipsychotic medications long term.

The Pharmacy Benefits Management Strategic Health Group, at Hines VA Medical Center, provided data on all outpatient prescriptions for registry patients in this report.

All oral medications in class CN701, "Phenothiazines/related, Antipsychotics" and CN709 "Antipsychotics, other" were included in the analyses of antipsychotic agents. Atypicals were identified in the prescription data by their generic names: aripiprazole, clozapine, olanzapine, quetiapine, risperidone, and ziprasidone.

Findings

- 79% of patients with schizophrenia received at least one oral antipsychotic prescription in FY04.
- 49% of patients with bipolar disorder received at least one oral antipsychotic prescription. Antipsychotic use among patients with bipolar disorder has increased each year since FY99.
- Use of second-generation antipsychotics continues to increase among patients with schizophrenia or bipolar disorder. Among patients on antipsychotics, 86% with schizophrenia and 94% with bipolar disorder received some second-generation antipsychotics.
- Olanzapine and risperidone remain the most commonly used second-generation antipsychotic medications for patients with schizophrenia, although the percentage of patients receiving olanzapine stabilized between FY00 and FY02 and has now decreased.
- Quetiapine use has dramatically increased for patients with bipolar disorder. In FY04, 41% of these patients received quetiapine, making it the most commonly used second-generation antipsychotic for patients with bipolar disorder.
- Clozapine use increased slightly among patients with schizophrenia but use remains low, at just 3%. Clozapine use continues to vary substantially across VISNs.
- Overall use of aripiprazole increased from 1% in FY03 to 4% in FY04.
- Concurrent use of two or more antipsychotic medications continues to increase among patients with schizophrenia (from 10.6% in FY99 to 16.6% in FY04).
- The percentage of poorly adherent patients with schizophrenia (with a Medication Possession Ratio [MPR] < 0.8) has decreased from 44% in FY99 to 36.5% in FY04. However, improvements in adherence have slowed during the last three years, suggesting that adherence benefits associated with shifts from first to second generation antipsychotic agents may be almost fully realized.

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Table 4A: FY04 Patient w/ Psychosis, Pharmacy Utilization, by Diagnosis Grouping

Entire Population	All 234588	Schizophrenia 92326	Bipolar 78963	Other 63299
<u>Among all patients in the registry</u>				
Pts. with any outpatient prescriptions, %	96.0%	95.8%	97.1%	95.0%
Pts. with any oral antipsychotic fills, %*	58.2%	79.3%	49.2%	38.7%
<u>Among pts. receiving any antipsychotic medication:</u>				
Received only conventional antipsychotics, %	10.7%	13.6%	6.5%	9.1%
Received some atypical antipsychotics, %	89.3%	86.4%	93.5%	90.9%
Total	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %				
Aripiprazole	4.0%	4.8%	3.6%	2.5%
Clozapine	1.7%	3.1%	0.2%	0.1%
Olanzapine	31.0%	32.4%	33.7%	22.6%
Quetiapine	31.1%	24.2%	40.9%	36.2%
Risperidone	36.3%	37.7%	30.3%	41.9%
Ziprasidone	5.9%	6.9%	5.7%	3.7%
Concurrent use of 2 or more antipsychotics, % **	11.6%	16.6%	6.4%	4.8%
Pts. receiving only one kind of antipsychotic, % ***	73.6%	69.8%	76.7%	80.2%
<u>Among pts. receiving just one antipsychotic:</u>				
Antipsychotic fills, mean	6.9	8.0	6.1	5.2
SD	5.0	5.4	4.4	4.0
Antipsychotic Medication Possession Ratio, mean	--	83.1%	--	--
SD	--	32.7%	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	36.5%	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	17.8%	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY04 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4B: FY04 All Patients, Pharmacy Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Among all patients in the registry</u>												
Pts. with any outpatient prescriptions, %	96.0%	94.4%	96.1%	95.8%	94.9%	94.9%	96.6%	97.1%	97.4%	96.3%	96.4%	96.4%
Patients with any oral antipsychotic fills, %*	58.2%	56.2%	53.9%	60.7%	57.6%	59.0%	61.1%	65.1%	56.7%	57.7%	59.6%	62.6%
<u>Among pts. receiving any antipsychotic medication:</u>												
Received only conventional antipsychotics, %	10.7%	9.2%	11.0%	12.9%	13.8%	9.3%	13.4%	10.4%	12.1%	14.8%	10.6%	11.4%
Received some atypical antipsychotics, %	89.3%	90.8%	89.0%	87.1%	86.2%	90.7%	86.6%	89.6%	87.9%	85.2%	89.4%	88.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %												
Aripiprazole	4.0%	6.8%	5.1%	3.9%	2.3%	7.2%	4.5%	3.3%	3.0%	2.0%	4.9%	1.9%
Clozapine	1.7%	3.8%	2.0%	1.6%	1.4%	1.0%	1.2%	1.4%	0.8%	1.1%	3.6%	2.4%
Olanzapine	31.0%	33.4%	31.2%	31.4%	30.5%	32.4%	23.7%	28.4%	35.7%	25.1%	32.3%	32.0%
Quetiapine	31.1%	34.4%	31.7%	24.3%	29.7%	28.1%	30.7%	33.4%	29.6%	30.3%	32.6%	24.4%
Risperidone	36.3%	33.8%	35.8%	40.0%	35.2%	40.5%	38.9%	35.9%	32.7%	37.8%	30.4%	41.8%
Ziprasidone	5.9%	5.5%	4.9%	3.7%	5.2%	7.8%	6.6%	8.0%	4.7%	7.0%	6.3%	4.4%
Concurrent use of 2 or more antipsychotics, %**	12.7%	18.6%	14.0%	13.0%	14.6%	14.8%	12.8%	10.6%	8.7%	10.9%	11.8%	12.1%
Pts. receiving only one kind of antipsychotic, %***	73.6%	70.6%	73.4%	75.2%	73.6%	69.7%	73.9%	73.7%	77.2%	75.1%	73.5%	74.9%
<u>Among patients receiving just one antipsychotic:</u>												
Antipsychotic fills, mean	6.88	7.65	8.33	7.57	6.34	7.09	5.58	6.87	7.25	6.10	7.58	7.79
SD	4.99	5.54	5.31	4.86	4.63	4.84	4.26	4.80	4.60	4.52	6.41	5.30
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY04 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4B: FY04 All Patients, Pharmacy Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Among all patients in the registry</u>											
Pts. with any outpatient prescriptions, %	96.0%	95.3%	96.8%	96.9%	97.1%	95.6%	96.0%	96.1%	95.3%	93.5%	95.2%
Patients with any oral antipsychotic fills, %*	58.2%	52.5%	59.1%	62.2%	60.4%	50.1%	56.2%	57.0%	58.5%	55.2%	55.0%
<u>Among pts. receiving any antipsychotic medication:</u>											
Received only conventional antipsychotics, %	10.7%	9.9%	9.2%	9.4%	8.6%	12.0%	8.3%	9.9%	8.5%	10.2%	8.8%
Received some atypical antipsychotics, %	89.3%	90.1%	90.8%	90.6%	91.4%	88.0%	91.7%	90.1%	91.5%	89.8%	91.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %											
Aripiprazole	4.0%	4.1%	3.0%	3.9%	5.0%	3.6%	4.5%	6.8%	3.8%	4.3%	3.7%
Clozapine	1.7%	2.7%	1.3%	1.0%	1.8%	0.8%	2.7%	1.7%	2.0%	1.6%	2.9%
Olanzapine	31.0%	30.8%	30.4%	28.5%	33.9%	28.1%	36.1%	31.1%	41.7%	22.9%	35.5%
Quetiapine	31.1%	28.1%	31.7%	34.8%	32.9%	29.0%	33.9%	32.7%	29.4%	36.2%	30.9%
Risperidone	36.3%	39.9%	38.4%	40.3%	34.8%	38.0%	31.8%	33.0%	30.8%	39.7%	32.9%
Ziprasidone	5.9%	5.3%	7.3%	6.5%	5.5%	6.1%	5.1%	8.3%	5.1%	5.9%	5.7%
Concurrent use of 2 or more antipsychotics, % **	12.7%	12.2%	15.0%	12.3%	11.4%	8.3%	15.9%	13.8%	13.8%	13.3%	14.2%
Pts. receiving only one kind of antipsychotic, % ***	73.6%	74.7%	72.3%	70.3%	73.9%	76.6%	70.6%	72.3%	73.0%	74.6%	74.7%
<u>Among patients receiving just one antipsychotic:</u>											
Antipsychotic fills, mean	6.88	7.88	6.59	6.94	6.73	6.43	6.17	5.94	7.30	5.34	7.44
SD	4.99	5.30	4.60	4.85	4.88	4.59	5.23	4.69	5.24	4.32	5.40
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY04 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4C: FY04 Patients w/ Schizophrenia, Pharmacy Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Among all patients in the registry</u>												
Pts. with any outpatient prescriptions, %	95.8%	93.8%	96.1%	95.3%	94.5%	94.7%	96.2%	97.3%	97.8%	96.4%	96.2%	96.2%
Pts. with any oral antipsychotic fills, %*	79.3%	75.3%	76.4%	75.7%	77.9%	78.5%	80.4%	82.7%	80.1%	79.3%	80.7%	80.9%
<u>Among pts. receiving any antipsychotic medication:</u>												
Received only conventional antipsychotics, %	13.6%	12.6%	15.2%	16.8%	18.3%	12.0%	17.5%	12.1%	15.4%	18.0%	13.4%	14.7%
Received some atypical antipsychotics, %	86.4%	87.4%	84.8%	83.2%	81.7%	88.0%	82.5%	87.9%	84.6%	82.0%	86.6%	85.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %												
Aripiprazole	4.8%	7.7%	6.7%	3.9%	2.9%	8.6%	5.0%	3.6%	3.5%	2.6%	5.0%	2.1%
Clozapine	3.1%	7.0%	3.5%	2.4%	2.2%	1.7%	2.3%	2.4%	1.3%	2.3%	6.0%	4.0%
Olanzapine	32.4%	33.7%	31.3%	30.4%	29.8%	35.6%	25.2%	30.3%	39.2%	26.4%	31.6%	32.4%
Quetiapine	24.2%	25.2%	24.5%	19.2%	24.4%	21.1%	22.1%	27.6%	22.3%	23.6%	26.7%	19.3%
Risperidone	37.7%	36.6%	37.8%	40.0%	35.0%	40.3%	39.5%	36.7%	32.0%	38.6%	32.6%	42.1%
Ziprasidone	6.9%	6.8%	6.1%	4.3%	6.1%	8.4%	7.4%	8.9%	4.9%	8.9%	7.1%	4.4%
Concurrent use of 2 or more antipsychotics, % **	16.6%	23.8%	19.1%	16.4%	19.1%	19.4%	15.7%	13.3%	10.4%	15.2%	15.3%	15.9%
Pts. receiving only one kind of antipsychotic, % ***	69.8%	65.8%	67.4%	72.9%	69.1%	66.0%	71.5%	71.5%	75.6%	71.2%	69.8%	71.7%
<u>Among pts. receiving just one antipsychotic:</u>												
Antipsychotic fills, mean	8.00	9.17	9.62	8.45	7.14	8.36	6.30	7.69	8.20	7.16	8.87	8.92
SD	5.36	6.11	5.28	4.97	4.83	4.95	4.54	5.04	4.59	4.77	7.43	5.63
Antipsychotic Medication Possession Ratio, mean	0.83	0.89	0.89	0.82	0.88	0.78	0.85	0.76	0.79	0.84	0.86	0.85
SD	0.33	0.32	0.30	0.33	0.32	0.35	0.33	0.34	0.32	0.33	0.32	0.30
Antipsychotic Med Possession Ratio <= 0.80, %	36.5%	28.3%	27.9%	37.8%	30.9%	43.8%	35.1%	46.3%	43.4%	34.9%	31.3%	33.4%
Antipsychotic Med Possession Ratio <= 0.50, %	17.8%	13.3%	11.6%	19.0%	14.7%	23.1%	17.2%	24.8%	20.2%	17.3%	15.6%	14.4%

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY04 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4C: FY04 Patients w/ Schizophrenia, Pharmacy Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Among all patients in the registry</u>											
Pts. with any outpatient prescriptions, %	95.8%	94.1%	96.6%	97.0%	96.9%	94.2%	95.0%	95.6%	95.4%	93.8%	94.2%
Pts. with any oral antipsychotic fills, %*	79.3%	75.4%	82.5%	82.1%	80.7%	75.0%	81.3%	81.6%	79.5%	76.6%	79.2%
<u>Among pts. receiving any antipsychotic medication:</u>											
Received only conventional antipsychotics, %	13.6%	12.0%	11.4%	10.9%	10.1%	13.8%	10.1%	13.0%	10.6%	12.7%	10.6%
Received some atypical antipsychotics, %	86.4%	88.0%	88.6%	89.1%	89.9%	86.2%	89.9%	87.0%	89.4%	87.3%	89.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %											
Aripiprazole	4.8%	5.0%	3.9%	4.9%	6.2%	5.7%	5.8%	8.5%	4.7%	5.4%	4.8%
Clozapine	3.1%	4.9%	2.3%	2.0%	3.6%	1.8%	5.9%	3.6%	3.6%	2.7%	5.2%
Olanzapine	32.4%	29.8%	32.9%	30.9%	34.5%	31.8%	38.9%	31.9%	43.3%	24.9%	37.7%
Quetiapine	24.2%	21.6%	26.1%	27.5%	26.5%	21.9%	24.8%	24.5%	23.5%	28.4%	23.8%
Risperidone	37.7%	42.6%	39.6%	43.9%	38.3%	37.7%	35.4%	34.4%	32.3%	41.3%	34.6%
Ziprasidone	6.9%	6.3%	8.7%	7.6%	6.4%	8.4%	6.0%	9.1%	6.2%	7.2%	7.4%
Concurrent use of 2 or more antipsychotics, % **	16.6%	15.9%	20.9%	15.8%	15.5%	11.9%	22.8%	18.9%	19.1%	16.6%	20.2%
Pts. receiving only one kind of antipsychotic, % ***	69.8%	71.1%	65.9%	65.9%	69.8%	72.3%	63.1%	67.5%	68.1%	71.3%	68.8%
<u>Among pts. receiving just one antipsychotic:</u>											
Antipsychotic fills, mean	8.00	9.17	7.82	8.10	7.93	7.70	7.71	7.12	8.59	6.12	8.82
SD	5.36	5.57	4.79	5.09	5.30	4.92	6.36	5.33	5.68	4.72	5.94
Antipsychotic Medication Possession Ratio, mean	0.83	0.81	0.83	0.79	0.80	0.81	0.91	0.88	0.84	0.83	0.92
SD	0.33	0.32	0.31	0.33	0.32	0.33	0.32	0.33	0.32	0.34	0.31
Antipsychotic Med Possession Ratio <= 0.80, %	36.5%	37.6%	36.1%	43.1%	39.4%	37.3%	26.2%	30.3%	35.5%	37.4%	24.0%
Antipsychotic Med Possession Ratio <= 0.50, %	17.8%	18.3%	17.4%	21.3%	19.0%	19.2%	12.3%	14.0%	16.8%	19.5%	10.5%

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY04 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4D: FY04 Patients w/ Bipolar Disorder, Pharmacy Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Among all patients in the registry</u>												
Pts. with any outpatient prescriptions, %	97.1%	95.9%	97.1%	96.9%	97.0%	96.4%	97.6%	98.0%	98.2%	97.4%	97.4%	97.6%
Patients with any oral antipsychotic fills, %*	49.2%	50.0%	44.4%	50.6%	48.4%	52.1%	54.1%	57.6%	47.1%	54.0%	52.1%	52.2%
<u>Among pts. receiving any antipsychotic medication:</u>												
Received only conventional antipsychotics, %	6.5%	4.1%	4.3%	5.7%	6.8%	5.6%	7.7%	7.4%	7.0%	8.6%	5.7%	5.8%
Received some atypical antipsychotics, %	93.5%	95.9%	95.7%	94.3%	93.2%	94.4%	92.3%	92.6%	93.0%	91.4%	94.3%	94.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %												
Aripiprazole	3.6%	6.5%	3.4%	4.5%	1.8%	6.0%	5.2%	3.8%	3.0%	1.7%	5.4%	1.6%
Clozapine	0.2%	0.2%	0.0%	0.1%	0.0%	0.1%	0.1%	0.2%	0.1%	0.1%	0.4%	0.1%
Olanzapine	33.7%	34.9%	34.9%	36.2%	34.8%	33.2%	26.5%	30.3%	36.1%	28.6%	37.7%	36.2%
Quetiapine	40.9%	47.3%	44.4%	34.5%	38.7%	39.4%	42.8%	42.3%	38.0%	39.8%	41.8%	33.2%
Risperidone	30.3%	27.9%	27.4%	35.5%	30.9%	35.6%	33.0%	30.2%	30.9%	33.4%	23.2%	37.3%
Ziprasidone	5.7%	4.1%	3.6%	3.2%	4.6%	7.7%	6.7%	8.6%	5.8%	6.3%	6.1%	5.1%
Concurrent use of 2 or more antipsychotics, % **	6.4%	10.5%	4.8%	5.5%	5.1%	8.0%	8.3%	6.2%	4.9%	5.8%	5.7%	5.0%
Pts. receiving only one kind of antipsychotic, % ***	76.7%	75.4%	80.8%	78.7%	79.5%	71.4%	74.3%	74.9%	77.6%	76.7%	76.8%	77.7%
<u>Among patients receiving just one antipsychotic:</u>												
Antipsychotic fills, mean	6.05	6.44	7.40	6.54	5.76	6.05	5.26	6.28	6.50	5.55	6.41	6.55
SD	4.41	4.54	5.13	4.42	4.25	4.43	3.91	4.40	4.49	4.25	5.07	4.47
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY04 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4D: FY04 Patients w/ Bipolar Disorder, Pharmacy Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Among all patients in the registry</u>											
Pts. with any outpatient prescriptions, %	97.1%	96.7%	98.4%	98.4%	97.7%	97.5%	97.3%	96.9%	96.8%	92.6%	96.8%
Patients with any oral antipsychotic fills, %*	49.2%	45.9%	51.0%	52.8%	52.9%	41.9%	48.7%	45.9%	47.0%	41.4%	45.8%
<u>Among pts. receiving any antipsychotic medication:</u>											
Received only conventional antipsychotics, %	6.5%	6.4%	5.3%	7.2%	6.2%	9.9%	6.2%	6.4%	5.5%	6.9%	5.6%
Received some atypical antipsychotics, %	93.5%	93.6%	94.7%	92.8%	93.8%	90.1%	93.8%	93.6%	94.5%	93.1%	94.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %											
Aripiprazole	3.6%	3.1%	2.5%	3.1%	3.9%	1.8%	3.6%	5.5%	3.2%	3.2%	2.4%
Clozapine	0.2%	0.2%	0.3%	0.1%	0.3%	0.1%	0.1%	0.0%	0.1%	0.4%	0.4%
Olanzapine	33.7%	38.1%	30.4%	33.1%	37.5%	28.2%	33.4%	33.1%	44.8%	25.9%	37.0%
Quetiapine	40.9%	37.0%	40.1%	43.4%	41.2%	36.5%	46.3%	41.8%	39.0%	46.9%	41.8%
Risperidone	30.3%	32.4%	33.4%	30.4%	26.7%	35.3%	25.6%	28.2%	22.3%	31.0%	26.4%
Ziprasidone	5.7%	5.0%	7.0%	7.1%	5.3%	4.5%	4.6%	8.8%	3.5%	5.2%	4.1%
Concurrent use of 2 or more antipsychotics, % **	6.4%	7.0%	6.2%	6.8%	6.0%	3.6%	8.3%	7.0%	5.4%	7.8%	5.3%
Pts. receiving only one kind of antipsychotic, % ***	76.7%	76.2%	77.9%	71.7%	76.5%	79.3%	75.6%	75.5%	77.7%	78.1%	80.7%
<u>Among patients receiving just one antipsychotic:</u>											
Antipsychotic fills, mean	6.05	6.94	5.76	6.06	6.12	5.81	5.43	5.15	6.30	4.85	6.29
SD	4.41	4.74	4.24	4.46	4.39	4.24	4.15	3.92	4.59	3.98	4.53
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY04 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4E: FY04 Patients w/ Other Psychoses, Pharmacy Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Among all Patients in the registry</u>												
Pts. with any outpatient prescriptions, %	95.0%	92.7%	94.4%	95.3%	93.0%	387.1%	57.9%	93.7%	96.0%	96.1%	96.0%	94.9%
pts with any oral antipsychotic fills, %*	38.7%	31.9%	30.1%	37.5%	31.4%	38.2%	41.8%	46.3%	35.2%	38.3%	31.5%	38.5%
<u>Among pts. receiving any antipsychotic medication:</u>												
Received only conventional antipsychotics, %	9.1%	9.4%	8.3%	6.4%	6.7%	6.8%	11.2%	9.5%	8.7%	16.6%	9.5%	8.2%
Received some atypical antipsychotics, %	90.9%	90.6%	91.7%	93.6%	93.3%	93.2%	88.8%	90.5%	91.3%	83.4%	90.5%	91.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %												
Aripiprazole	2.5%	3.6%	2.8%	2.6%	0.6%	5.0%	1.9%	1.8%	1.7%	1.3%	3.1%	1.6%
Clozapine	0.1%	0.4%	0.2%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.1%	0.1%	0.0%
Olanzapine	3.8%	27.4%	21.8%	27.9%	24.6%	21.8%	15.1%	21.2%	24.3%	16.8%	23.1%	20.9%
Quetiapine	36.2%	36.9%	33.3%	31.3%	36.1%	31.8%	35.5%	38.3%	40.5%	31.4%	38.3%	28.3%
Risperidone	41.9%	38.5%	47.1%	47.5%	44.7%	48.4%	46.3%	40.4%	37.1%	42.5%	37.5%	50.5%
Ziprasidone	3.7%	3.9%	2.5%	1.9%	2.3%	6.0%	4.3%	4.9%	2.7%	3.9%	2.9%	2.9%
Concurrent use of 2 or more antipsychotics, % **	4.8%	8.8%	5.1%	5.2%	5.5%	4.8%	5.1%	4.4%	2.9%	4.6%	2.7%	3.2%
Pts. receiving only one kind of antipsychotic, % ***	80.2%	77.5%	81.8%	80.3%	82.7%	77.9%	80.0%	78.4%	81.8%	81.4%	82.9%	83.4%
<u>Among pts receiving just one antipsychotic</u>												
Antipsychotic fills, mean	5.22	5.46	5.90	5.43	4.32	5.33	4.28	5.55	5.56	4.78	5.07	5.78
SD	4.04	4.15	4.44	4.01	3.63	4.16	3.61	4.23	4.08	3.84	4.18	4.29
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia pts.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY04 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4E: FY04 Patients w/ Other Psychoses, Pharmacy Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Among all Patients in the registry</u>											
Pts. with any outpatient prescriptions, %	95.0%	95.6%	94.1%	#REF!	95.1%	95.7%	96.6%	94.4%	95.0%	95.5%	94.8%
pts with any oral antipsychotic fills, %*	38.7%	30.3%	38.4%	46.7%	43.6%	36.3%	38.5%	43.1%	42.4%	41.8%	34.0%
<u>Among pts. receiving any antipsychotic medication:</u>											
Received only conventional antipsychotics, %	9.1%	9.5%	9.7%	8.4%	8.7%	11.7%	8.2%	8.3%	6.8%	8.0%	9.0%
Received some atypical antipsychotics, %	90.9%	90.5%	90.3%	91.6%	91.3%	88.3%	91.8%	91.7%	93.2%	92.0%	91.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %											
Aripiprazole	2.5%	2.6%	1.6%	2.5%	4.1%	2.1%	3.2%	5.1%	2.4%	2.9%	2.7%
Clozapine	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.3%
Olanzapine	3.8%	20.1%	23.3%	19.5%	26.5%	20.7%	34.9%	25.6%	33.5%	13.7%	25.5%
Quetiapine	36.2%	32.8%	32.4%	42.0%	34.7%	31.8%	30.5%	37.0%	32.6%	43.2%	33.1%
Risperidone	41.9%	45.3%	43.8%	41.6%	39.4%	42.8%	36.0%	37.6%	38.2%	46.8%	40.2%
Ziprasidone	3.7%	2.6%	4.0%	3.6%	3.6%	4.0%	3.8%	5.5%	4.1%	3.3%	3.4%
Concurrent use of 2 or more antipsychotics, % **	4.8%	3.2%	6.4%	5.3%	4.8%	3.6%	5.5%	5.8%	5.5%	5.9%	4.7%
Pts. receiving only one kind of antipsychotic, % ***	80.2%	84.1%	80.8%	78.0%	79.9%	81.3%	79.2%	78.4%	79.9%	79.3%	82.6%
<u>Among pts receiving just one antipsychotic</u>											
Antipsychotic fills, mean	5.22	5.90	5.12	5.68	5.11	5.05	4.58	4.74	5.66	4.06	5.85
SD	4.04	4.42	3.95	4.23	3.94	3.84	3.62	3.78	4.16	3.18	4.34
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia pts.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY04 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Chapter 5

Cost

Background

In addition to the significant personal burden and high mortality rates, patients with serious mental illnesses represent tremendous costs to the health care system. Total expenditures, including both psychiatric and medical care, for these individuals can reach \$25,000 per patient annually. The U.S. spends approximately 1% of its total GDP for the treatment of mental illnesses, with the majority being devoted to SMI (McGuire, 1991). The prevalence of schizophrenia in the population is about 1%, yet the economic cost for this disease is nearly \$45 billion annually (Wyatt & Henter, 1995). This figure is comparable to the dollars spent on depression, for which the prevalence is around 7-8%.

The “Action Agenda: Achieving the Promise, Transforming Mental Health Care in VA”, the VA’s response to the President’s New Freedom Commission Report, states that “in addition to the serious public health challenge, the financial cost of mental illness is devastatingly high with an estimated annual impact of \$79 billion dollars in the U.S.” The Surgeon General’s 1999 report on mental health estimated that the indirect costs of schizophrenia in 1990 were almost 15 billion dollars (Surgeon General’s Office, 1999). These costs include lost productivity due to morbidity and mortality and the time family members spend caring for the patient. Wyatt and Henter looked at an estimate of costs in 1991 for the then prevalent cases and found that the total costs for bipolar illness was \$45B.

In addition to psychiatric services, SMI patients use medical services more than the general population. A recent study (Mauskopf, David, Grainger, & Gibson, 1999) indicates that, depending on the diagnosis, the average annual expenditure per SMI patient exceeds \$26,000. Outpatient spending was nearly \$3000, with pharmacy costs approximately \$375.

Within VHA, the cost for patients with psychosis is approximately 12.6% of the VHA’s total expenditures for medical care for FY04.

We report on total costs, as well as the relative costs of psychiatric and medical care and of inpatient and outpatient care. We also report separately annual costs by cost center. Comparisons across VISNs and stations regarding expenditures on outpatient psychiatric care may inform questions of differential treatment capacities.

The Allocation Resource Center (ARC) in Braintree, Massachusetts, provided cost data for each patient by facility and cost center. The ARC calculates patient costs using data from the VA’s Decision Support System (DSS). In prior years, ARC assessed patient costs on the basis of the Cost Distribution Report (CDR). Please see Appendix B for details.

Findings

- Total costs:
 - Total cost for patients with psychosis was approximately \$3.5B.
 - Total costs rose again over 9% from FY03 TO FY04.
 - Patients with schizophrenia represented 39.4% of patients with psychosis diagnoses in FY04 and 47% of total costs. This represents a 6% decline in the number of veterans classified with schizophrenia and is a continuation of the trend.
 - Medical costs continue to be much higher for the patients with other psychoses (\$2845) compared to patients with schizophrenia (\$1446) and patients with bipolar disorder (\$1114).
- Per patient costs:
 - Average spent per patient was \$15,166, with \$6,998 for outpatient services (including \$1,943 in pharmacy costs) and \$4,724 for institutional care.
 - Average costs per patient varied widely across VISNs, from \$11,618 to \$24,701.
 - Average FY04 costs per patient were \$18,127 for patients with schizophrenia, \$12,472 for patients with bipolar disorder, and \$14,208 for patients with other psychoses.
 - Per day costs per patient show that patients with other psychoses cost more than the other groups at \$1040 per day, compared to \$738 per day for patients with schizophrenia and \$867 per day for patients with bipolar disorder.
- Service location costs:
 - 26.2% of total costs were for psychiatric care.
 - Pharmacy costs rose 9% since FY03.
 - Psychiatric costs, as a proportion of all costs, continue to decline, down to 26.2% in FY04 as compared to 41% in FY99.
 - Pharmacy costs for patients with schizophrenia were approximately 24% higher than for patients with bipolar disorder and almost 41% higher for patients with other psychoses.

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Table 5A: FY04 Patient w/ Psychosis, Cost, by Diagnosis Grouping

	All	Schizophrenia	Bipolar	Other
Entire Population	234588	92326	78963	63299
<u>Total Cost</u> (in thousands \$)	\$3,557,743	\$1,673,584	\$984,811	\$899,345
%	100.0%	47.0%	27.7%	25.3%
<u>Psych vs. Non-Psych Costs</u>				
Psych	26.2%	30.3%	30.6%	13.7%
Non-Psych	73.8%	69.7%	69.4%	86.3%
Total	100.0%	100.0%	100.0%	100.0%
<u>Mean Hospital Costs, Pts with some Hospital use</u>				
Per Patient	\$17,685	\$20,887	\$14,775	\$16,561
Per Day of Stay	\$837	\$738	\$867	\$1,040
<u>Mean Outpatient Costs, Pts with some Outpatient use</u>				
Per Patient	\$6,998	\$7,717	\$6,736	\$6,290
Per Visit Day	\$294	\$284	\$285	\$328
<u>Mean Patient Costs, By Cost Center, all patients</u>				
1 Med	\$1,712	\$1,446	\$1,114	\$2,845
2 Surg	\$532	\$453	\$474	\$721
3 Psych	\$2,480	\$3,639	\$2,123	\$1,234
4 Psych Res Rehab Treatment Program	\$186	\$194	\$261	\$83
5 Non-VA	\$286	\$317	\$263	\$272
6 LTC Domiciliary	\$244	\$227	\$354	\$132
7 LTC Intermediate Care	\$185	\$190	\$102	\$280
8 LTC Nursing Home	\$2,145	\$3,417	\$928	\$1,805
9 Contract Nursing Home	\$469	\$677	\$147	\$568
10 OPC Med/Surg	\$1,125	\$964	\$1,135	\$1,348
11 OPC Psych	\$1,491	\$1,851	\$1,694	\$712
12 OPC Home Based Treatment	\$820	\$1,066	\$569	\$775
13 OPC Support	\$1,319	\$1,224	\$1,297	\$1,483
14 OPC Fee	\$229	\$193	\$181	\$341
15 OPC Pharmacy	\$1,943	\$2,268	\$1,830	\$1,610
TOTAL	\$15,166	\$18,127	\$12,472	\$14,208
Mean % pt. Costs at Other Stations	3.9%	3.6%	4.8%	3.2%
SD	12.8%	12.5%	13.9%	11.7%
Mean % pt. Costs at Other VISNs	1.5%	1.3%	2.0%	1.3%
SD	8.1%	7.6%	9.1%	7.5%

Table 5B: FY04 All Patients, Costs, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	234588	11782	6280	10040	13145	6467	10389	13911	22549	9723	10318	10398
<u>Total Costs</u> (in thousands \$)	\$3,557,743	\$218,427	\$98,767	\$247,995	\$191,283	\$124,878	\$139,009	\$185,745	\$261,968	\$130,779	\$167,641	\$166,188
%	95.8%	6.1%	2.8%	7.0%	5.4%	3.5%	3.9%	5.2%	7.4%	3.7%	4.7%	4.7%
<u>Psych vs. Non-Psych Costs</u>												
Psych	26.2%	33.0%	24.8%	26.2%	25.2%	28.0%	28.4%	26.8%	20.3%	23.2%	23.6%	28.3%
Non-Psych	73.8%	67.0%	75.2%	73.8%	74.8%	72.0%	71.6%	73.2%	79.7%	76.8%	76.4%	71.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Hospital Costs, Pts with some Hospital use</u>												
Per Patient	\$17,685	\$22,247	\$18,363	\$28,647	\$18,509	\$19,699	\$16,840	\$17,194	\$13,495	\$16,206	\$16,529	\$19,300
Per Day of Stay	\$837	\$628	\$1,015	\$894	\$714	\$798	\$654	\$816	\$914	\$782	\$997	\$667
<u>Mean Outpatient Costs, Pts with some Outpatient use</u>												
Per Patient	\$6,998	\$8,387	\$7,968	\$9,676	\$5,870	\$7,978	\$5,618	\$6,490	\$6,536	\$5,930	\$6,973	\$6,645
Per Visit Day	\$294	\$298	\$250	\$323	\$286	\$263	\$310	\$290	\$313	\$327	\$249	\$304
<u>Mean Patient Costs, By Cost Center, all patients</u>												
1 Med	\$1,712	\$1,618	\$1,538	\$2,429	\$1,265	\$1,957	\$1,584	\$1,871	\$1,539	\$2,367	\$1,822	\$1,552
2 Surg	\$532	\$599	\$522	\$771	\$440	\$577	\$496	\$418	\$413	\$568	\$483	\$390
3 Psych	\$2,480	\$3,735	\$2,209	\$4,442	\$2,499	\$3,726	\$2,815	\$2,252	\$1,166	\$2,356	\$2,216	\$3,257
4 Psych Res Rehab Treatment Program	\$186	\$145	\$227	\$459	\$143	\$612	\$113	\$66	\$147	\$42	\$481	\$172
5 Non-VA	\$286	\$439	\$261	\$126	\$166	\$105	\$193	\$199	\$232	\$192	\$200	\$251
6 LTC Domiciliary	\$244	\$138	\$379	\$616	\$357	\$880	\$93	\$86	\$23	\$167	\$326	\$4
7 LTC Intermediate Care	\$185	\$241	\$18	\$733	\$60	\$556	\$482	\$105	\$102	\$284	\$64	\$394
8 LTC Nursing Home	\$2,145	\$2,489	\$2,434	\$5,491	\$3,651	\$2,761	\$1,845	\$1,683	\$1,109	\$1,082	\$3,232	\$3,009
9 Contract Nursing Home	\$469	\$865	\$255	\$222	\$210	\$264	\$213	\$237	\$378	\$519	\$501	\$420
10 OPC Med/Surg	\$1,125	\$1,311	\$1,111	\$1,897	\$951	\$1,516	\$961	\$1,031	\$1,008	\$1,221	\$1,022	\$881
11 OPC Psych	\$1,491	\$2,392	\$1,695	\$2,018	\$1,167	\$1,685	\$987	\$1,327	\$1,190	\$766	\$1,614	\$1,271
12 OPC Home Based Treatment	\$820	\$945	\$1,089	\$1,476	\$531	\$1,131	\$655	\$890	\$654	\$500	\$1,095	\$768
13 OPC Support	\$1,319	\$1,341	\$1,644	\$1,772	\$1,042	\$1,472	\$1,058	\$1,226	\$1,398	\$1,227	\$1,094	\$1,262
14 OPC Fee	\$229	\$222	\$192	\$222	\$197	\$170	\$245	\$208	\$169	\$255	\$313	\$235
15 OPC Pharmacy	\$1,943	\$2,060	\$2,154	\$2,028	\$1,874	\$1,898	\$1,641	\$1,753	\$2,089	\$1,904	\$1,785	\$2,115
TOTAL	\$15,166	\$18,539	\$15,727	\$24,701	\$14,552	\$19,310	\$13,380	\$13,352	\$11,618	\$13,450	\$16,247	\$15,983
Mean % Patient Costs at Other Stations	3.9%	5.2%	2.1%	3.7%	5.0%	4.3%	4.5%	4.5%	2.9%	2.9%	3.8%	5.3%
SD	12.8%	14.4%	10.1%	12.1%	14.4%	13.5%	13.2%	13.7%	10.9%	11.3%	12.5%	14.4%
Mean % Patient Costs at Other VISNs	1.5%	1.0%	2.1%	1.2%	1.2%	2.2%	1.3%	1.5%	1.7%	1.9%	1.3%	1.4%
SD	8.1%	6.2%	10.1%	6.8%	7.3%	9.8%	7.0%	8.0%	8.4%	9.0%	7.2%	7.8%

Table 5B: FY04 All Patients, Costs, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	234588	10080	10560	19502	10264	9129	6619	10410	10009	13921	9092
<u>Total Costs</u> (in thousands \$)	\$3,557,743	\$188,289	\$138,465	\$242,850	\$155,662	\$111,667	\$97,395	\$144,163	\$170,170	\$225,270	\$151,133
%	95.8%	5.3%	3.9%	6.8%	4.4%	3.1%	2.7%	4.1%	4.8%	6.3%	4.2%
<u>Psych vs. Non-Psych Costs</u>											
Psych	26.2%	22.4%	27.0%	30.0%	20.5%	20.6%	28.8%	25.8%	27.4%	31.5%	24.7%
Non-Psych	73.8%	77.6%	73.0%	70.0%	79.5%	79.4%	71.2%	74.2%	72.6%	68.5%	75.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Inpatient Costs</u>											
Per Patient	\$17,685	\$18,041	\$15,503	\$16,912	\$15,118	\$12,468	\$18,536	\$14,786	\$20,255	\$22,587	\$15,205
Per Day of Stay	\$837	\$986	\$756	\$840	\$758	\$934	\$832	\$1,043	\$1,114	\$1,020	\$1,200
<u>Mean Outpatient Costs</u>											
Per Patient	\$6,926	\$7,494	\$6,033	\$6,127	\$6,951	\$6,229	\$7,168	\$7,135	\$7,779	\$8,045	\$8,154
Per Clinic Stop	\$294	\$252	\$257	\$310	\$285	\$282	\$290	\$282	\$330	\$331	\$309
<u>Mean Patient Costs, By Cost Center</u>											
1 Med	\$1,712	\$2,168	\$1,773	\$1,654	\$1,703	\$1,722	\$1,641	\$1,532	\$1,430	\$1,670	\$1,501
2 Surg	\$532	\$556	\$468	\$572	\$480	\$580	\$522	\$561	\$865	\$527	\$573
3 Psych	\$2,480	\$2,447	\$2,597	\$2,563	\$1,965	\$1,222	\$2,805	\$1,797	\$2,607	\$2,971	\$1,948
4 Psych Res Rehab Treatment Program	\$186	\$441	\$120	\$29	\$413	\$35	\$180	\$235	\$151	\$10	\$161
5 Non-VA	\$286	\$114	\$344	\$187	\$255	\$790	\$365	\$577	\$667	\$240	\$329
6 LTC Domiciliary	\$244	\$491	\$200	\$91	\$395	\$170	\$10	\$578	\$66	\$330	\$351
7 LTC Intermediate Care	\$185	\$90	\$47	\$117	\$242	\$51	\$200	\$78	\$81	\$153	\$75
8 LTC Nursing Home	\$2,145	\$4,299	\$1,276	\$852	\$2,321	\$973	\$1,214	\$603	\$2,870	\$1,205	\$3,166
9 Contract Nursing Home	\$469	\$731	\$281	\$295	\$511	\$480	\$666	\$775	\$561	\$1,074	\$464
10 OPC Med/Surg	\$1,125	\$1,220	\$1,033	\$984	\$994	\$1,063	\$1,013	\$1,116	\$1,264	\$1,288	\$1,145
11 OPC Psych	\$1,491	\$1,730	\$937	\$1,173	\$1,138	\$1,297	\$1,432	\$1,776	\$2,045	\$2,131	\$2,162
12 OPC Home Based Treatment	\$820	\$968	\$601	\$672	\$1,020	\$678	\$920	\$700	\$833	\$903	\$780
13 OPC Support	\$1,319	\$1,437	\$1,189	\$1,194	\$1,474	\$1,223	\$1,283	\$1,212	\$1,424	\$1,570	\$1,366
14 OPC Fee	\$229	\$151	\$241	\$179	\$113	\$271	\$346	\$350	\$282	\$234	\$374
15 OPC Pharmacy	\$1,943	\$1,837	\$2,006	\$1,892	\$2,140	\$1,677	\$2,117	\$1,959	\$1,857	\$1,877	\$2,227
TOTAL	\$15,166	\$18,679	\$13,112	\$12,453	\$15,166	\$12,232	\$14,714	\$13,848	\$17,002	\$16,182	\$16,623
Mean % Patient Costs at Other Stations	3.9%	4.9%	1.7%	3.2%	2.8%	4.8%	4.3%	4.7%	4.7%	3.4%	4.0%
SD	12.8%	14.4%	8.6%	11.9%	10.9%	14.3%	13.1%	14.3%	14.8%	11.8%	12.6%
Mean % Patient Costs at Other VISNs	1.5%	1.1%	1.5%	1.5%	1.6%	2.5%	1.9%	1.7%	1.7%	1.5%	1.4%
SD	8.1%	6.7%	8.2%	8.1%	8.2%	10.3%	8.6%	8.6%	8.5%	7.9%	7.6%

Table 5C: FY04 Patients w/ Schizophrenia, Costs, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	92326	4638	2496	5165	5881	2638	4093	5994	8998	3364	4437	4766
<u>Total Costs</u> (in thousands \$\$)	\$1,673,584	\$110,374	\$47,191	\$158,881	\$108,310	\$59,461	\$65,936	\$89,090	\$111,363	\$50,565	\$90,361	\$91,133
%	96.1%	6.6%	2.8%	9.5%	6.5%	3.6%	3.9%	5.3%	6.7%	3.0%	5.4%	5.4%
<u>Psych vs. Non-Psych Costs</u>												
Psych	30.3%	36.9%	30.7%	27.7%	29.6%	32.2%	35.0%	33.0%	23.7%	32.4%	25.3%	32.6%
Non-Psych	69.7%	63.1%	69.3%	72.3%	70.4%	67.8%	65.0%	67.0%	76.3%	67.6%	74.7%	67.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Hospital Costs, Pts with some Hospital use</u>												
Per Patient	\$20,887	\$28,867	\$21,793	\$35,060	\$22,303	\$22,925	\$21,814	\$18,445	\$14,470	\$20,216	\$18,102	\$23,723
Per Day of Stay	\$738	\$532	\$892	\$815	\$627	\$725	\$600	\$700	\$920	\$621	\$939	\$566
<u>Mean Outpatient Costs, Pts with some Outpatient use</u>												
Per Patient	\$7,717	\$9,490	\$9,081	\$10,438	\$6,480	\$9,304	\$5,910	\$7,185	\$7,159	\$6,150	\$7,813	\$7,043
Per Visit Day	\$284	\$281	\$229	\$313	\$277	\$263	\$301	\$278	\$317	\$303	\$237	\$283
<u>Mean Patient Costs, By Cost Center, all patients</u>												
1 Med	\$1,446	\$1,386	\$1,257	\$2,268	\$1,319	\$1,786	\$1,586	\$1,236	\$1,375	\$1,792	\$1,717	\$1,223
2 Surg	\$453	\$479	\$449	\$834	\$462	\$566	\$491	\$314	\$378	\$427	\$427	\$322
3 Psych	\$3,639	\$5,996	\$3,551	\$6,299	\$3,934	\$5,121	\$4,409	\$3,161	\$1,438	\$3,700	\$3,206	\$4,797
4 Psych Res Rehab Treatment Program	\$194	\$73	\$215	\$597	\$203	\$475	\$97	\$65	\$90	\$44	\$684	\$132
5 Non-VA	\$317	\$651	\$367	\$169	\$181	\$128	\$218	\$210	\$194	\$178	\$261	\$281
6 LTC Domiciliary	\$227	\$229	\$151	\$461	\$233	\$938	\$88	\$80	\$7	\$191	\$257	\$2
7 LTC Intermediate Care	\$190	\$234	\$5	\$794	\$90	\$631	\$441	\$131	\$87	\$221	\$56	\$463
8 LTC Nursing Home	\$3,417	\$4,133	\$3,689	\$9,098	\$5,489	\$3,595	\$2,736	\$2,326	\$1,356	\$1,969	\$5,160	\$4,436
9 Contract Nursing Home	\$677	\$1,392	\$332	\$298	\$245	\$231	\$279	\$262	\$340	\$497	\$886	\$632
10 OPC Med/Surg	\$964	\$1,168	\$983	\$1,679	\$886	\$1,240	\$762	\$906	\$954	\$913	\$869	\$747
11 OPC Psych	\$1,851	\$2,784	\$2,257	\$2,220	\$1,523	\$2,133	\$1,233	\$1,743	\$1,496	\$1,177	\$1,944	\$1,434
12 OPC Home Based Treatment	\$1,066	\$1,260	\$1,507	\$2,085	\$622	\$1,708	\$778	\$1,142	\$733	\$516	\$1,517	\$946
13 OPC Support	\$1,224	\$1,283	\$1,473	\$1,613	\$964	\$1,480	\$913	\$1,157	\$1,381	\$1,003	\$1,021	\$1,136
14 OPC Fee	\$193	\$230	\$147	\$138	\$149	\$203	\$266	\$182	\$126	\$210	\$198	\$214
15 OPC Pharmacy	\$2,268	\$2,500	\$2,524	\$2,208	\$2,117	\$2,304	\$1,812	\$1,948	\$2,422	\$2,194	\$2,164	\$2,359
TOTAL	\$18,127	\$23,798	\$18,907	\$30,761	\$18,417	\$22,540	\$16,110	\$14,863	\$12,376	\$15,031	\$20,365	\$19,122
Mean % pt. Costs at Other Stations	3.9%	4.1%	1.4%	3.1%	5.0%	3.6%	4.2%	4.6%	2.2%	3.0%	3.7%	4.6%
SD	12.8%	13.1%	8.2%	11.1%	14.5%	12.3%	13.2%	13.9%	9.6%	11.7%	12.3%	13.5%
Mean % pt. Costs at Other VISNs	1.5%	0.9%	1.4%	1.0%	1.1%	1.7%	1.3%	1.3%	1.2%	1.8%	1.0%	1.1%
SD	8.1%	6.2%	8.2%	6.1%	7.0%	8.6%	7.4%	7.6%	7.0%	9.0%	6.5%	7.1%

Table 5C: FY04 Patients w/ Schizophrenia, Costs, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	92326	3746	3852	7665	3697	2728	2048	3434	3932	5431	3323
<u>Total Costs</u> (in thousands \$\$)	\$1,673,584	\$86,730	\$55,222	\$107,636	\$67,941	\$37,245	\$37,700	\$54,511	\$71,896	\$106,157	\$65,887
%	96.1%	5.2%	3.3%	6.4%	4.1%	2.2%	2.3%	3.3%	4.3%	6.3%	3.9%
<u>Psych vs. Non-Psych Costs</u>											
Psych	30.3%	22.2%	31.0%	37.6%	23.5%	26.7%	34.3%	28.8%	29.9%	36.6%	25.7%
Non-Psych	69.7%	77.8%	69.0%	62.4%	76.5%	73.3%	65.7%	71.2%	70.1%	63.4%	74.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Inpatient Costs</u>											
Per pt.	\$20,887	\$19,662	\$16,769	\$18,882	\$17,193	\$13,888	\$23,852	\$16,250	\$20,810	\$26,787	\$16,973
Per Day of Stay	\$738	\$905	\$691	\$770	\$639	\$788	\$725	\$996	\$974	\$968	\$1,161
<u>Mean Outpatient Costs</u>											
Per pt.	\$7,566	\$7,985	\$6,416	\$6,619	\$7,944	\$6,799	\$8,205	\$8,083	\$8,101	\$9,122	\$9,015
Per Clinic Stop	\$284	\$236	\$237	\$307	\$273	\$280	\$276	\$263	\$326	\$328	\$306
<u>Mean Patient Costs, By Cost Center</u>											
1 Med	\$1,446	\$1,706	\$1,412	\$1,269	\$1,367	\$1,539	\$1,196	\$1,358	\$1,120	\$1,453	\$1,136
2 Surg	\$453	\$545	\$322	\$407	\$383	\$447	\$369	\$481	\$572	\$448	\$507
3 Psych	\$3,639	\$3,045	\$3,347	\$3,798	\$2,956	\$1,878	\$4,526	\$2,373	\$3,092	\$4,235	\$2,587
4 Psych Res Rehab Treatment Program	\$194	\$459	\$91	\$27	\$644	\$12	\$109	\$170	\$22	\$15	\$123
5 Non-VA	\$317	\$137	\$361	\$205	\$257	\$1,146	\$437	\$607	\$835	\$207	\$332
6 LTC Domiciliary	\$227	\$565	\$121	\$63	\$544	\$198	\$3	\$587	\$6	\$350	\$320
7 LTC Intermediate Care	\$190	\$123	\$50	\$63	\$205	\$52	\$206	\$63	\$21	\$115	\$72
8 LTC Nursing Home	\$3,417	\$7,388	\$1,782	\$1,251	\$3,751	\$1,123	\$2,552	\$699	\$3,576	\$1,810	\$5,359
9 Contract Nursing Home	\$677	\$1,489	\$481	\$403	\$485	\$505	\$957	\$1,500	\$1,062	\$1,884	\$622
10 OPC Med/Surg	\$964	\$1,001	\$875	\$854	\$871	\$849	\$781	\$952	\$980	\$1,020	\$882
11 OPC Psych	\$1,851	\$2,091	\$1,095	\$1,477	\$1,357	\$1,767	\$1,785	\$2,202	\$2,368	\$2,912	\$2,509
12 OPC Home Based Treatment	\$1,066	\$1,177	\$703	\$829	\$1,621	\$688	\$1,320	\$966	\$892	\$1,101	\$1,042
13 OPC Support	\$1,224	\$1,200	\$1,170	\$1,076	\$1,361	\$1,158	\$1,129	\$1,106	\$1,300	\$1,559	\$1,189
14 OPC Fee	\$193	\$143	\$194	\$173	\$121	\$267	\$299	\$288	\$209	\$195	\$328
15 OPC Pharmacy	\$2,268	\$2,083	\$2,332	\$2,146	\$2,453	\$2,024	\$2,739	\$2,522	\$2,230	\$2,243	\$2,822
TOTAL	\$18,127	\$23,153	\$14,336	\$14,042	\$18,377	\$13,653	\$18,408	\$15,874	\$18,285	\$19,546	\$19,828
Mean % pt. Costs at Other Stations	3.9%	5.1%	1.6%	3.1%	2.6%	4.4%	3.9%	4.4%	4.7%	3.3%	3.0%
SD	12.8%	15.7%	8.6%	11.6%	10.7%	13.7%	12.7%	14.3%	15.1%	12.1%	11.5%
Mean % pt. Costs at Other VISNs	1.5%	0.9%	1.5%	1.4%	1.4%	2.1%	1.6%	1.5%	1.5%	1.5%	1.3%
SD	8.1%	6.4%	8.3%	7.9%	7.6%	9.3%	7.8%	8.3%	8.3%	8.1%	7.8%

Table 5D: FY04 Patients w/ Bipolar Disorder, Costs, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	78963	4643	2341	2761	4136	1993	3461	3892	6719	3236	3455	3551
<u>Total Costs</u> (in thousands \$\$)	\$984,811	\$68,624	\$28,678	\$48,796	\$44,519	\$33,447	\$36,192	\$40,494	\$71,697	\$33,999	\$42,333	\$42,392
%	95.2%	7.0%	2.9%	5.0%	4.5%	3.4%	3.7%	4.1%	7.3%	3.5%	4.3%	4.3%
<u>Psych vs. Non-Psych Costs</u>												
Psych	30.6%	29.1%	24.5%	25.1%	23.6%	28.2%	26.2%	25.2%	21.0%	23.9%	25.0%	26.6%
Non-Psych	69.4%	70.9%	75.5%	74.9%	76.4%	71.8%	73.8%	74.8%	79.0%	76.1%	75.0%	73.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Hospital Costs, Pts with some Hospital use</u>												
Per Patient	\$14,775	\$16,932	\$14,483	\$21,003	\$13,949	\$17,630	\$12,389	\$14,272	\$11,972	\$12,323	\$13,953	\$14,844
Per Day of Stay	\$867	\$679	\$1,068	\$1,035	\$852	\$789	\$707	\$873	\$905	\$855	\$1,000	\$765
<u>Mean Outpatient Costs, Pts with some Outpatient use</u>												
Per Patient	\$6,736	\$12,600	\$9,024	\$13,391	\$7,352	\$11,001	\$6,824	\$7,937	\$9,130	\$6,813	\$8,790	\$8,700
Per Visit Day	\$285	\$468	\$311	\$453	\$363	\$349	\$369	\$384	\$419	\$394	\$330	\$425
<u>Mean Patient Costs, By Cost Center, all patients</u>												
1 Med	\$1,114	\$1,192	\$824	\$1,543	\$725	\$1,240	\$937	\$1,273	\$993	\$1,275	\$1,135	\$1,110
2 Surg	\$474	\$514	\$446	\$590	\$400	\$520	\$400	\$422	\$355	\$435	\$535	\$290
3 Psych	\$2,123	\$2,856	\$1,755	\$3,055	\$1,725	\$3,609	\$1,963	\$1,785	\$1,358	\$1,983	\$1,819	\$2,379
4 Psych Res Rehab Treatment Program	\$261	\$280	\$339	\$366	\$116	\$1,221	\$121	\$78	\$320	\$61	\$470	\$226
5 Non-VA	\$263	\$263	\$177	\$101	\$186	\$113	\$173	\$184	\$243	\$208	\$126	\$201
6 LTC Domiciliary	\$354	\$107	\$754	\$1,038	\$650	\$1,172	\$112	\$85	\$57	\$231	\$502	\$10
7 LTC Intermediate Care	\$102	\$192	\$6	\$327	\$9	\$216	\$292	\$43	\$62	\$112	\$4	\$235
8 LTC Nursing Home	\$928	\$1,137	\$914	\$1,487	\$1,245	\$964	\$1,009	\$558	\$637	\$306	\$1,105	\$1,101
9 Contract Nursing Home	\$147	\$207	\$89	\$10	\$61	\$132	\$23	\$44	\$195	\$221	\$115	\$113
10 OPC Med/Surg	\$1,135	\$1,270	\$1,116	\$2,104	\$959	\$1,534	\$1,045	\$989	\$1,004	\$1,240	\$1,075	\$918
11 OPC Psych	\$1,694	\$2,753	\$1,736	\$2,414	\$1,205	\$2,067	\$1,132	\$1,341	\$1,443	\$797	\$1,828	\$1,426
12 OPC Home Based Treatment	\$569	\$5,144	\$2,640	\$4,833	\$2,099	\$4,001	\$1,845	\$2,546	\$3,122	\$1,543	\$3,033	\$2,910
13 OPC Support	\$1,297	\$1,342	\$1,418	\$1,873	\$1,103	\$1,481	\$1,087	\$1,140	\$1,364	\$1,217	\$1,070	\$1,256
14 OPC Fee	\$181	\$161	\$84	\$127	\$184	\$84	\$109	\$159	\$166	\$163	\$152	\$155
15 OPC Pharmacy	\$1,830	\$1,857	\$1,979	\$1,947	\$1,769	\$1,772	\$1,566	\$1,744	\$2,001	\$1,836	\$1,607	\$1,990
TOTAL	\$12,472	\$19,275	\$14,277	\$21,817	\$12,436	\$20,129	\$11,813	\$12,392	\$13,317	\$11,629	\$14,576	\$14,318
Mean % Patient Costs at Other Stations	4.8%	6.4%	2.9%	4.9%	6.2%	5.9%	5.5%	5.3%	4.0%	3.7%	4.7%	6.4%
SD	13.9%	15.4%	11.9%	14.0%	15.5%	15.2%	14.0%	14.6%	12.7%	12.8%	13.6%	15.5%
Mean % Patient Costs at Other VISNs	2.0%	1.0%	2.9%	1.6%	1.6%	3.0%	1.6%	2.2%	2.3%	2.5%	1.7%	1.8%
SD	9.1%	5.7%	11.9%	7.8%	8.0%	11.3%	7.4%	9.5%	9.7%	10.4%	8.3%	8.7%

Table 5D: FY04 Patients w/ Bipolar Disorder, Costs, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	78963	3529	3875	5159	3798	3630	2881	4270	3290	4899	3444
<u>Total Costs</u> (in thousands \$\$)	\$984,811	\$60,244	\$47,822	\$57,202	\$47,840	\$37,316	\$34,580	\$50,965	\$45,878	\$64,053	\$47,741
%	95.2%	6.1%	4.9%	5.8%	4.9%	3.8%	3.5%	5.2%	4.7%	6.5%	4.8%
<u>Psych vs. Non-Psych Costs</u>											
Psych	30.6%	24.9%	29.3%	28.0%	20.9%	21.8%	27.6%	25.6%	26.2%	26.3%	25.4%
Non-Psych	69.4%	75.1%	70.7%	72.0%	79.1%	78.2%	72.4%	74.4%	73.8%	73.7%	74.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Inpatient Costs</u>											
Per Patient	\$14,775	\$16,379	\$15,037	\$15,080	\$13,572	\$10,242	\$16,051	\$12,436	\$18,727	\$19,452	\$13,552
Per Day of Stay	\$867	\$919	\$690	\$831	\$832	\$902	\$845	\$947	\$1,094	\$1,056	\$1,162
<u>Mean Outpatient Costs</u>											
Per Patient	\$6,706	\$11,175	\$7,649	\$8,202	\$8,649	\$7,518	\$8,867	\$9,007	\$11,127	\$10,547	\$11,487
Per Clinic Stop	\$285	\$346	\$315	\$395	\$365	\$342	\$369	\$379	\$488	\$462	\$425
<u>Mean Patient Costs, By Cost Center</u>											
1 Med	\$1,114	\$1,391	\$1,190	\$1,082	\$1,271	\$1,051	\$1,163	\$957	\$913	\$1,294	\$987
2 Surg	\$474	\$449	\$473	\$633	\$532	\$431	\$392	\$397	\$778	\$564	\$447
3 Psych	\$2,123	\$2,875	\$2,928	\$2,316	\$1,688	\$1,102	\$2,256	\$1,744	\$2,549	\$2,208	\$1,895
4 Psych Res Rehab Treatment Program	\$261	\$623	\$217	\$34	\$383	\$63	\$254	\$409	\$236	\$8	\$253
5 Non-VA	\$263	\$102	\$317	\$224	\$298	\$769	\$340	\$470	\$477	\$192	\$265
6 LTC Domiciliary	\$354	\$634	\$387	\$163	\$406	\$236	\$17	\$719	\$80	\$427	\$503
7 LTC Intermediate Care	\$102	\$37	\$24	\$101	\$180	\$10	\$108	\$36	\$101	\$106	\$52
8 LTC Nursing Home	\$928	\$2,970	\$631	\$434	\$1,190	\$445	\$462	\$307	\$1,410	\$559	\$1,373
9 Contract Nursing Home	\$147	\$304	\$84	\$69	\$126	\$139	\$212	\$234	\$85	\$314	\$198
10 OPC Med/Surg	\$1,135	\$1,255	\$1,071	\$1,004	\$989	\$1,061	\$990	\$1,079	\$1,274	\$1,284	\$1,097
11 OPC Psych	\$1,694	\$2,207	\$1,137	\$1,388	\$1,377	\$1,459	\$1,616	\$1,913	\$2,090	\$2,050	\$2,527
12 OPC Home Based Treatment	\$569	\$4,061	\$2,051	\$2,637	\$2,662	\$1,998	\$2,678	\$2,821	\$4,337	\$3,802	\$4,179
13 OPC Support	\$1,297	\$1,562	\$1,185	\$1,169	\$1,433	\$1,168	\$1,323	\$1,161	\$1,367	\$1,430	\$1,350
14 OPC Fee	\$181	\$125	\$233	\$170	\$61	\$205	\$304	\$319	\$261	\$214	\$285
15 OPC Pharmacy	\$1,830	\$1,795	\$1,944	\$1,801	\$2,075	\$1,613	\$1,929	\$1,697	\$1,730	\$1,746	\$1,998
TOTAL	\$12,472	\$20,388	\$13,872	\$13,224	\$14,671	\$11,753	\$14,044	\$14,263	\$17,689	\$16,197	\$17,409
Mean % Patient Costs at Other Stations	4.8%	6.0%	2.1%	4.5%	3.3%	5.9%	5.1%	5.3%	5.2%	3.8%	5.1%
SD	13.9%	15.1%	9.5%	13.5%	11.7%	15.5%	14.2%	14.9%	15.1%	12.1%	13.8%
Mean % Patient Costs at Other VISNs	2.0%	1.4%	1.9%	2.4%	2.0%	3.3%	2.3%	2.0%	2.0%	1.7%	1.7%
SD	9.1%	7.4%	9.0%	10.2%	9.2%	11.7%	9.3%	9.3%	8.9%	8.0%	7.9%

Table 5E: FY04 Patients w/ Other Psychoses, Costs, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	63299	2501	1443	2114	3128	1836	2835	4025	6832	3123	2426	2081
<u>Total Costs</u> (in thousands \$)	\$899,345	\$39,435	\$22,897	\$40,318	\$38,454	\$31,970	\$36,881	\$56,161	\$78,908	\$46,215	\$34,947	\$32,663
%	95.8%	4.4%	2.5%	4.5%	4.3%	3.6%	4.1%	6.2%	8.8%	5.1%	3.9%	3.6%
<u>Psych vs. Non-Psych Costs</u>												
Psych	13.7%	13.7%	8.1%	14.3%	10.3%	14.2%	15.4%	14.7%	10.1%	10.7%	11.7%	11.9%
Non-Psych	86.3%	86.3%	91.9%	85.7%	89.7%	85.8%	84.6%	85.3%	89.9%	89.3%	88.3%	88.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Hospital Costs, Pts with some Hospital use</u>												
Per Patient	\$16,561	\$19,567	\$17,909	\$22,641	\$15,563	\$17,117	\$14,628	\$17,912	\$13,717	\$16,055	\$16,780	\$16,722
Per Day of Stay	\$1,040	\$1,047	\$1,304	\$1,112	\$992	\$1,012	\$741	\$992	\$914	\$993	\$1,148	\$1,029
<u>Mean Outpatient Costs, Pts with some Outpatient use</u>												
Per Patient	\$6,290	\$6,963	\$7,668	\$8,492	\$5,018	\$6,485	\$5,397	\$5,993	\$5,781	\$5,948	\$6,183	\$6,332
Per Visit Day	\$328	\$346	\$324	\$372	\$320	\$295	\$347	\$315	\$327	\$354	\$297	\$364
<u>Mean Patient Costs, By Cost Center, all pts</u>												
1 Med	\$2,845	\$2,838	\$3,181	\$3,977	\$1,876	\$2,981	\$2,372	\$3,397	\$2,293	\$4,115	\$2,994	\$3,062
2 Surg	\$721	\$979	\$772	\$852	\$451	\$654	\$620	\$567	\$518	\$857	\$515	\$714
3 Psych	\$1,234	\$1,175	\$627	\$1,715	\$822	\$1,847	\$1,553	\$1,349	\$621	\$1,294	\$973	\$1,230
4 Psych Res Rehab Treatment Program	\$83	\$28	\$67	\$244	\$64	\$146	\$125	\$54	\$51	\$19	\$124	\$171
5 Non-VA	\$272	\$375	\$214	\$52	\$110	\$63	\$182	\$196	\$270	\$191	\$191	\$272
6 LTC Domiciliary	\$132	\$27	\$163	\$445	\$204	\$479	\$76	\$96	\$13	\$75	\$203	\$0
7 LTC Intermediate Care	\$280	\$343	\$60	\$1,114	\$70	\$817	\$774	\$126	\$161	\$531	\$163	\$507
8 LTC Nursing Home	\$1,805	\$1,952	\$2,728	\$1,905	\$3,375	\$3,516	\$1,578	\$1,814	\$1,248	\$932	\$2,735	\$2,999
9 Contract Nursing Home	\$568	\$1,107	\$393	\$313	\$342	\$455	\$348	\$388	\$610	\$851	\$344	\$461
10 OPC Med/Surg	\$1,348	\$1,654	\$1,324	\$2,163	\$1,064	\$1,893	\$1,146	\$1,256	\$1,082	\$1,532	\$1,229	\$1,126
11 OPC Psych	\$712	\$993	\$656	\$1,005	\$448	\$625	\$454	\$695	\$540	\$291	\$705	\$634
12 OPC Home Based Treatment	\$775	\$912	\$1,139	\$1,016	\$499	\$820	\$683	\$837	\$724	\$566	\$870	\$766
13 OPC Support	\$1,483	\$1,447	\$2,304	\$2,030	\$1,111	\$1,451	\$1,230	\$1,411	\$1,455	\$1,480	\$1,260	\$1,563
14 OPC Fee	\$341	\$319	\$446	\$549	\$303	\$215	\$380	\$293	\$227	\$399	\$751	\$422
15 OPC Pharmacy	\$1,610	\$1,619	\$1,795	\$1,694	\$1,555	\$1,452	\$1,487	\$1,472	\$1,738	\$1,663	\$1,346	\$1,769
TOTAL	\$14,208	\$15,768	\$15,868	\$19,072	\$12,293	\$17,413	\$13,009	\$13,953	\$11,550	\$14,798	\$14,405	\$15,696
Mean % Patient Costs at Other Stations	3.2%	4.9%	1.8%	3.5%	3.5%	3.7%	3.6%	3.7%	2.7%	1.9%	2.9%	5.1%
SD	11.7%	14.5%	9.8%	11.9%	12.3%	13.0%	12.0%	12.4%	10.7%	9.1%	11.1%	14.4%
Mean % Patient Costs at Other VISNs	1.3%	1.1%	1.8%	1.3%	1.0%	1.9%	0.9%	1.1%	1.7%	1.2%	1.0%	1.3%
SD	7.5%	6.8%	9.8%	7.2%	6.8%	9.8%	5.7%	6.9%	8.7%	7.1%	6.6%	7.5%

Table 5E: FY04 Patients w/ Other Psychoses, Costs, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	63299	2805	2833	6678	2769	2771	1690	2706	2787	3591	2325
<u>Total Costs</u> (in thousands \$\$)	\$899,345	\$41,316	\$35,421	\$78,013	\$39,880	\$37,106	\$25,115	\$38,687	\$52,396	\$55,058	\$37,504
%	95.8%	4.6%	3.9%	8.7%	4.4%	4.1%	2.8%	4.3%	5.8%	6.1%	4.2%
<u>Psych vs. Non-Psych Costs</u>											
Psych	13.7%	11.9%	12.6%	17.1%	10.7%	10.1%	15.8%	15.2%	18.8%	20.6%	13.9%
Non-Psych	86.3%	88.1%	87.4%	82.9%	89.3%	89.9%	84.2%	84.8%	81.2%	79.4%	86.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Inpatient Costs</u>											
Per Patient	\$16,561	\$18,103	\$14,523	\$15,949	\$14,405	\$13,532	\$16,629	\$16,312	\$21,077	\$20,390	\$15,116
Per Day of Stay	\$1,040	\$1,220	\$1,017	\$966	\$917	\$1,149	\$1,013	\$1,239	\$1,360	\$1,085	\$1,299
<u>Mean Outpatient Costs</u>											
Per Patient	\$6,269	\$6,470	\$5,406	\$5,620	\$6,180	\$5,916	\$6,528	\$6,660	\$7,825	\$7,283	\$7,292
Per Clinic Stop	\$328	\$303	\$309	\$331	\$322	\$296	\$327	\$319	\$344	\$347	\$344
<u>Mean Patient Costs, By Cost Center</u>											
1 Med	\$2,845	\$3,764	\$3,059	\$2,537	\$2,745	\$2,780	\$2,994	\$2,661	\$2,477	\$2,512	\$2,784
2 Surg	\$721	\$703	\$659	\$713	\$539	\$906	\$929	\$920	\$1,379	\$596	\$856
3 Psych	\$1,234	\$1,109	\$1,126	\$1,335	\$1,023	\$733	\$1,656	\$1,150	\$1,990	\$2,098	\$1,113
4 Psych Res Rehab Treatment Program	\$83	\$189	\$28	\$27	\$147	\$19	\$141	\$42	\$232	\$6	\$79
5 Non-VA	\$272	\$98	\$359	\$139	\$195	\$467	\$322	\$708	\$656	\$357	\$418
6 LTC Domiciliary	\$132	\$214	\$53	\$67	\$183	\$55	\$6	\$344	\$133	\$166	\$171
7 LTC Intermediate Care	\$280	\$114	\$73	\$191	\$374	\$104	\$348	\$164	\$143	\$276	\$115
8 LTC Nursing Home	\$1,805	\$1,847	\$1,470	\$717	\$1,965	\$1,520	\$875	\$948	\$3,596	\$1,170	\$2,689
9 Contract Nursing Home	\$568	\$257	\$279	\$346	\$1,072	\$902	\$1,086	\$709	\$417	\$886	\$635
10 OPC Med/Surg	\$1,348	\$1,467	\$1,195	\$1,118	\$1,164	\$1,275	\$1,335	\$1,383	\$1,653	\$1,700	\$1,590
11 OPC Psych	\$712	\$646	\$450	\$658	\$516	\$622	\$691	\$1,017	\$1,537	\$1,058	\$1,124
12 OPC Home Based Treatment	\$775	\$971	\$574	\$623	\$813	\$870	\$920	\$689	\$1,032	\$907	\$624
13 OPC Support	\$1,483	\$1,597	\$1,219	\$1,349	\$1,683	\$1,360	\$1,403	\$1,426	\$1,666	\$1,777	\$1,645
14 OPC Fee	\$341	\$194	\$313	\$192	\$173	\$360	\$473	\$479	\$410	\$320	\$572
15 OPC Pharmacy	\$1,610	\$1,560	\$1,645	\$1,670	\$1,811	\$1,419	\$1,684	\$1,657	\$1,480	\$1,503	\$1,715
TOTAL	\$14,208	\$14,729	\$12,503	\$11,682	\$14,402	\$13,391	\$14,861	\$14,297	\$18,800	\$15,332	\$16,131
Mean % Patient Costs at Other Stations	3.2%	3.2%	1.2%	2.5%	2.3%	3.8%	3.4%	4.0%	4.3%	2.8%	3.5%
SD	11.7%	11.1%	7.0%	10.6%	10.0%	13.1%	11.7%	13.1%	14.1%	10.9%	12.2%
Mean % Patient Costs at Other VISNs	1.3%	0.9%	1.0%	0.9%	1.3%	1.9%	1.7%	1.4%	1.5%	1.2%	1.2%
SD	7.5%	6.1%	6.5%	6.3%	7.4%	9.3%	8.3%	7.8%	8.4%	7.2%	6.9%

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Appendix A: Psychosis Diagnostic Groupings

Patients were identified using data obtained from the nationwide VA Patient Treatment File (PTF) and Outpatient Care Files (OPC) located at the Austin Automation Center in Austin, Texas. Patients were included provided they had at least one qualifying psychosis diagnosis in the FY01 inpatient or outpatient data. The chart below includes all qualifying ICD-9 diagnoses codes and their groupings. Group assignments were determined by ascertaining which diagnosis was recorded in the majority of instances of utilization.

schizophrenic disorders	affective psychoses	other diagnoses of psychosis
295.0 simple type	296.0 manic disorder, single episode	297.0 Paranoid state, simple
295.1 disorganized type	296.1 manic disorder, recurrent episode	297.1 paranoia
295.2 catatonic type	296.4 bipolar affective disorder, manic	297.2 paraphrenia
295.3 paranoid type	296.5 bipolar affective disorder, depressed	297.3 shared paranoid disorder
295.4 acute schizophrenic episode	296.6 bipolar affective disorder, mixed	297.8 other specified paranoid states
295.6 residual schizophrenia	296.7 bipolar affective disorder, unspecified	297.9 unspecified paranoid state
295.7 schizo-affective type	296.8 manic depressive psychosis, other and unspecified	298.0 depressive type psychosis
295.8 other specified types of schizophrenia		298.1 excitative type psychosis
295.9 unspecified schizophrenia		298.2 reactive confusion
		298.3 acute paranoid reaction
		298.4 psychogenic paranoid psychosis
		298.8 other and unspecified reactive psychosis
		298.9 unspecified psychosis

Appendix B: Cost

The Allocation Resource Center (ARC) in Braintree, Massachusetts, provided cost data for each patient by facility and cost center. The ARC database is an integrated, costed, clinical database for all veterans receiving care in a given fiscal year. ARC's basic approach is that patient costs = (patient workload) x (unit costs). Patient workload is estimated from a broad set of data resources. The ARC data sources include the Patient Treatment File, the Patient Assessment File, the Immunology Case Registry, the Fee Basis File, Home Dialysis, the Outpatient Care File, Outpatient Pharmacy data, HCFA, and the Cost Distribution Report. The ARC estimates each patient's portion of the total resource utilization and applies that proportion to unit costs, which are based on Decision Support System (DSS) data. ARC cost estimates encompass direct and indirect costs, excluding capital expenses. Note that in FY99 and FY00 the ARC derived costs from Cost Distribution Report data (CDR). This report presents ARC cost estimates for FY01 derived from DSS costs data.

A patient's total costs are assigned to the station at which they had the most utilization. We aggregate service location costs into 15 groups, as follows:

ARC FY01 Cost Data:

Group 1: Medicine

- Blind Rehab
- Epilepsy Center
- Medicine
- Medical GEM
- Medical ICU
- Neurology
- Neurology GEM
- Rehabilitation
- Rehabilitation GEM
- Spinal Cord Injury

Group 2: Surgery

- Operating Room Procedures
- Surgical ICU
- Surgery
- Transplant Team Costs

Group 3: Psychiatry

- Eval/Brief Trmt PTSD
- Psychiatry
- Psychiatry GEM
- Psy General Intermediate
- Psy Subst Intermed
- Spec Inpt PTSD Unit
- Sustained Trmt and Rehab
- Substance Abuse STAR
- Substance Abuse

Group 4: PR RTP

- Psych Resid Rehab Trmt
- PTSD Resid Rehab Trmt
- Homeless Chron Ment Ill
- Substance Abuse CWT
- Subst Abuse Resid Rehab Trmt

Group 5: Non-VA

Non V.A. Medicine
Non V.A. Psychiatry
Non V.A. Surgery

Group 6: LTC: Domiciliary

Domiciliary
Domiciliary Substance Abuse
Domiciliary PTSD
Domiciliary GEM

Group 7: LTC: Intermediate Care

Intermediate Care
Intermediate GEM

Group 8: LTC: Nursing Home

Nursing Home GEM
Nursing Home Care

Group 9: Contract Nursing Home

Non V.A. Nursing Home

Group 10: Outpatient Care -- Med/Surg

Cancer Treatment
Outpatient Admit/Screen
Outpatient Ambulatory Surgery
Outpatient Dialysis
Outpatient Medicine
Outpatient Surgery
Primary Care Surgery

Group 11: Outpatient Care -- Psych

Homeless Mentally Ill
Outpatient Gen Psych
Outpatient PTSD
Outpatient Spc Psych
Outpatient Substance Abuse
Outpatient Substance Disorder
Primary Care Psych
Psychosocial Group

Group 12: Outpatient Care -- Home Based Treatment

Home Based Dialysis
Home Based Primary Care
Outpatient Residential
Primary Care Medicine
SCI Home Care
Sustained Trmt and Rehab

Group 13: Outpatient Care -- Support

Ambulatory Care
DOM After Care - VA

Outpatient ADHC
Outpatient Ancillary
Outpatient Dentistry
Outpatient Diagnostic
Outpatient Prosthetics
Outpatient Rehab
Telephone Contact

Group 14: Outpatient Care -- Fee
Non V.A. Ambulatory Care

Group 15: Outpatient Care -- Pharmacy
Outpatient Pharmacy

Appendix C: Utilization Data

All utilization data was obtained from the nationwide VA Patient Treatment File (PTF) and Outpatient Care Files (OPC) located at the Austin Automation Center in Austin, Texas.

1. hospital based utilization, (based on the patient's bed section at discharge)
 - a. psych and non-psych- reported for those with some hospital based utilization
 - i. non-psych- reported for those with some hospital based utilization
 - ii. psych- reported for those with some hospital based utilization includes:
 - SA/CWT
 - Gem Psychiatry
 - PTSD CWT
 - General CWT/TR
 - Acute psych
 - Long term psych
 - Alc dep, high int
 - Drug dep, high int
 - SA, high int
 - Spec IP PTSD unit
 - Psych SA, inter care
 - STAR
 - SA STAR
 - Eval/brief tx, PTSD
 - Psych-general intermed
 - High inten gen psych
 - Psych observation
2. other 24 hour institutional care, (based on the patient's bed section at discharge)
 - b. res rehab- reported for those with some res rehab, includes:
 - Psych Res Rehab Treatment
 - PTSD Res Rehab Treatment
 - Sub Abuse Res Rehab Treatment
 - c. dom and voc- reported for those with some dom or voc, includes:
 - HCMC CWT/TR
 - SA CWT/TR
 - Domiciliary
 - Dom Substance Abuse
 - Dom PTSD
 - Gem Dom
 - d. nursing home- reported for those with some nursing home, includes:
 - Nursing Home Care
 - Gem NHCU
 - Respite Care
3. outpatient care- all variables reported for those with some outpatient care
 - e. annual clinic stops
 - i. non-psych clinic stops
 - ii. psych clinic stops
 1. general psych clinic stops, includes:
 - Bereavement Counseling
 - Mental Health Clinic (Individual)
 - Mental Health Care Residential (Individual)
 - Psychiatry MD (Individual)
 - Psychology (Individual)
 - Psychiatry Consultation
 - Long-term Enhancement
 - Long-term Enhancement (Group)

- Active Duty Sexual Trauma
- Women's Stress Disorder Treatment Teams
- Telephone General Psychiatry
- Telephone Homeless Mentally Ill
- Telephone HUD-VASH
- Mental Health Primary Care Team (Individual)
- Psychosocial Rehabilitation (Individual)
- Telephone Mental Health Vocational
- Telephone Psychosocial Rehabilitation
- Mental Health Clinic (Group)
- Psychiatry Group
- Psychology (Group)
- Psychosocial Rehabilitation (Group)
- Mental Health Primary Care Team (Group)
- Psychogeriatric Clinic (Individual)
- Psychogeriatric Clinic (Group)
- Telephone Psychogeriatrics
- Non-Active Duty Sexual Trauma
- 2. psych case management clinic stops, includes:
 - Telephone/MHICM
 - IPCC Community Visit
 - Intensive Community Case Management (ICCM)
- 3. psych day treatment clinic stops, includes:
 - Day Treatment (Individual)
 - Day Hospital (Individual)
 - Day Treatment (Group)
 - Day Hospital (Group)
- 4. substance abuse clinic stops, includes:
 - Substance Abuse (Individual)
 - Substance Abuse Home Visit
 - Opioid Substitute
 - Telephone Substance Abuse
 - Intensive Substance Abuse Treatment
 - Substance Abuse (Group)
- 5. psych vocational clinic stops, includes:
 - Mental Health Vocational Assistance (Individual)
 - Mental Health Incentive Therapy (Group)
 - Mental Health Compensated Work Therapy (CWT) (Group)
 - Mental Health Vocational Assistance (Group)
- 6. PTSD clinic stops, includes:
 - PTSD (Individual)
 - Substance Use Disorder/PTSD Teams
 - Post Traumatic Stress Disorder (PTSD)
 - Telephone PTSD
 - PCT-PTSD (Group)
 - PTSD (Group)
 - PTSD Day Hospital
 - PTSD Day Treatment
- 7. psych homeless clinic stops, includes:
 - (HUD) – (VASH)
 - Health Care for Homeless veterans (HCHV)/HMI
 - Community Outreach to Homeless Vets by Staff other than HCHV
 - Domiciliary Care for Homeless Veterans (DCHV) programs

Appendix D: ARC VERA 10 Price Groups (from website below)

From: http://vaww.arc.med.va.gov/reports/vera/VERA2003/FY03_PtClasses_to_VERA10_PriceGrps.htm

ASSIGNMENT OF VERA PATIENT CLASSES TO VERA 10 PRICE GROUPS		
	VERA Price Groups - Basic	VERA Patient Classes
1	Non-reliant Care	Compensation and Pension Exams
		Employee/Collateral
		Pharmacy
		Non-vested
2	Basic Medical	Ear, Nose, and Throat
		Other Acute Disease
		Endocrine, Nutritional, Metabolic Disorders
		Central Nervous System
		Musculoskeletal Disorders
3	Mental Health	Acute Mental Disease
		Addictive Disorders
4	Heart/Lung/GI	Cardiovascular Disease
		Gastroenterology Disorders
		Pulmonary Disease
5	Oncology/Infectious Disease	Hep C w/o drug therapy
		HIV w/o drug therapy
		Oncology
6	Multiple Medical	Medical + Psych + Sub Abuse
		Psych + Substance Abuse
		Multiple Medical
		PTSD Acute
	VERA Price Groups - Complex	VERA Patient Classes
7	Specialized Care	Hep C with drug therapy
		HIV with drug therapy
		PTSD Chronic
		Home Based Primary Care
		Traumatic Brain Injury
8	Support Care	Stroke
		SCI Para - Old Injury
		Domiciliary
		SCI Quad - Old Injury
		Blind Rehab
		Community Nursing Home
		Low ADL
9	Chronic Mental	Mental Health Intensive Care Mgmt
		Other Psychosis
		Substance Abuse
		Schizophrenia and Dementia

10	Critically Ill	SCI Para - New Injury
		Behavioral
		Clinical Complex
		End Stage Renal Disease
		Physical
		SCI Quad - New Injury
		Rehabilitation
		Specialized Care
		Transplants
		Ventilator